



# भारत का राजपत्र The Gazette of India

साप्ताहिक/WEEKLY

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं० 14]

नई दिल्ली, अप्रैल 3—अप्रैल 9, 2004 (चैत्र 14, 1926)

No. 14]

NEW DELHI, SATURDAY, APRIL 3—APRIL 9, 2004 (CHAITRA 14, 1926)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS  
Kolkata, the 3rd April 2004

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Maharashtra, Madhya Pradesh  
and Goa and the Union  
Territories of Daman and  
Diu & Dadra and Nagar Haveli.

Telegraphic Address "PATOFFICE"  
Phone Nos. (022) 2492 4058, 2496 1370, 2492 3684,  
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Fax Nos. (022) 2495 0622, 2490 3852  
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Punjab, Rajasthan,  
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Telegraphic Address "PATENTOFIC"  
Phone Nos. (011) 2587 1253, 2587 1256,  
2587, 1257, 2587 1258.  
Fax No. (011) 2587 1256.  
E-mail: delhipatent@vsnl.net

3. Patent Office Branch,  
Guna Complex, 6th Floor, Annex-II,  
443, Annasalai, Teynampet,  
Chennai-600 018.

The States of Andhra Pradesh,  
Karnataka, Kerala, Tamil Nadu and  
Pondicherry and the Union  
Territories of Laccadive, Minicoy and  
Aminidivi Islands.

Telegraphic Address "PATENTOFFIC"  
Phone Nos. (044) 2431 4324/4325/4326.  
Fax Nos. (044) 2431 4750/4751.  
E-mail. patentchennai @ vsnl. net .

4. Patent Office (Head Office),  
Nizam Palace, 2nd M.S.O. Building,  
5th, 6th & 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Kolkata-700 020.

Rest of India.

Telegraphic Address "PATENTS"  
Phone Nos. (033) 2247 4401, 4402/4403.

Fax Nos. (033) 2247 3851, 2240 1353.

E-mail. patentin @ vsnl. com  
patindia @ giascl01. vsnl. net. in

Website : http://ipindia.nic.in

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and the Patents (Amendment) Act, 2002 or by the Patents Rules, 2003 will be received only at the appropriate offices of the Patent Office.

Fees : The fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office situated.

### पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कोलकाता, दिनांक 3 अप्रैल 2004

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुंबई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जून के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,  
टोखी इस्टेट, तीसरा तल,  
सन मिल कम्पाउंड,  
लोअर परेल (वेस्ट),  
मुम्बई - 400 013 ।  
गुजरात, महाराष्ट्र, मध्य प्रदेश तथा  
गोआ राज्य क्षेत्र एवं  
संघ शासित क्षेत्र, दमन तथा दीव एवं  
दादर और नगर हवेली ।

तार पता : "पेटेफिस"

फोन : (022) 2492 4058, 2496 1370, 2490 3684, 2490 3852

फैक्स : (022) 2495 0622, 2490 3852

ई. मेल : patmum @ vsnl. net

2. पेटेंट कार्यालय शाखा,  
डब्ल्यू-5, वेस्ट पटेल नगर,  
नई दिल्ली - 110 008 ।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता : "पेटेंटोफिक"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,  
2587 1258.

फैक्स : (011) 2587 1256.

ई. मेल : delhipatent @ vsnl. net

3. पेटेंट कार्यालय शाखा,  
गुना कम्प्लेक्स, छठा तल, एनेक्स-II,  
443, अन्नासलाई, तेनामपेट,  
चेन्नई - 600 018 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
शासित क्षेत्र लक्षद्वीप, मिनीकाय तथा एमिनिदिव द्वीप ।

तार पता - "पेटेंटोफिक"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई. मेल : patentchennai @ vsnl. net

4. पेटेंट कार्यालय (प्रधान कार्यालय),  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5वां, 6वां व 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कोलकाता - 700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401, 4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई. मेल : patentin @ vsnl. com

patindia @ giascl01. vsnl. net. in

वेब साइट : http://ipindia.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002 अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित हैं, उस स्थान के अनुसूचित बैंक से नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है ।

**Application for Grant of Exclusive Marketing Right (EMR)**

An application for grant of EMR bearing no. EMR/1/2004 on "Interferon Conjugates" is filed by F. Hoffmann-La Roche, AG, Switzerland on 01/03/2004 against the corresponding patent application no.1032/MAS/97 dated 15.5.97.

Application for the patent filed at The Patent Office, Kolkata.

From: 27/02/2004 To: 04/03/2004

New Application No	Applicant Details
75/KOL/2004	MEI YUN CHEN AND FU KUO YEH.; "A DEVICE FOR CONTROLLING A CURSOR TO ROTATE RIGHTWARDS AND LEFTWARDS AND THE METHOD OF THE SAME."
76/KOL/2004	STEEL AUTHORITY OF INDIA LIMITED; Jharkhand, India; "LASER BASED POSITION SENSOR FOR APPLICATION IN STEEL ROLLING MILLS."
77/KOL/2004	BOSE INSTITUTE AND DEPARTMENT OF BIOTECHNOLOGY.; West Bengal, India; "A NOVEL DNA MAKER FOR DROUGHT TOLERANCE IN PLANTS."
78/KOL/2004	HITACHI LTD.; 21/05/2003, Japan; "APPARATUS METHOD AND PROGRAM FOR SUPPORTING A REVIEW."
79/KOL/2004	TANG GE CHIAN.; "ZIPPER'S PULL HOOK STRUCTURE HAVING REPLACEABLE PULL SHEET."
80/KOL/2004	KWANG YANG MOTOR CO. LTD.; "MOUNT FRAME FOR AN ELECTRIC MOTOR-DRIVEN WHEELED VEHICLE."
81/KOL/2004	ALOKE KUMAR BANERJEE.; West Bengal, India; "A NEW GAS-FIRED FURNACE."
82/KOL/2004	PROTEC CO. LTD.; 10/04/2003, 10/04/2003, 26/01/2004, Republic of Korea; "TAPE FEEDER FOR CHIP MOUNTERS."
83/KOL/2004	DANA CORPORATION.; 03/03/2003, United States of America; "JOINT DESIGN FOR LASER WELDING ZINC COATED STEEL."
84/KOL/2004	JOHNSON AND JOHNSON CONSUMER COMPANIES INC.; 03/03/2003, United Republic of Tanzania; "METHODS FOR ALLEVIATING SYMPTOMS ASSOCIATED WITH MENOPAUSE USING SENSORY REGIMEN"
85/KOL/2004	JOHNSON AND JOHNSON CONSUMER COMPANIES INC.; 04/03/2003, United States of America; "SKIN MOISTURIZING COMPOSITION."
86/KOL/2004	JOHNSON AND JOHNSON CONSUMER COMPANIES INC.; 04/03/2003, United States of America; "DISPOSABLE SKIN-CLEANSING IMPLEMENT."
87/KOL/2004	SIEMENS AKTIENGESSELLSCHAFT.; 14/03/2003, Germany; "METHOD AND ARRANGEMENT FOR ESTIMATION OF THE ARC EROSION OF SWITCHING CONTACTS."
88/KOL/2004	CELANESE GMBH.; 11/12/1997, Germany; "CATALYST, PROCESS FOR PRODUCING THE CATALYST AND PROCESS FOR PREPARING VINYL ACETATE USING THE CATALYST."
89/KOL/2004	MERCK PATENT GMBH.; 10/03/2003, Germany; "INTERFERENCE PIGMENTS HAVING A MASS TONE."
90/KOL/2004	PRINCIPAL, PRESIDENCY COLLEGE.; West Bengal, India; "ARSENIC RECOVERY FROM ITS CONTAMINATED WASTE BY DIRECT PRECIPITATION."
91/KOL/2004	NIHON ZAIKEI KABUSHIKI KAISHA.; 25/03/2003 25/03/2003 31/03/2003, Japan; "PROCESS FOR MANUFACTURING CELLULOSE MOULDING PLANT COMPONENT EXTRACTING APPARATUS AND PROCESS FOR PRODUCING CELLULOSE ACETATE."

**APPLICATION FOR THE PATENT OFFICE AT PATENT OFFICE,  
DELHI BRANCH, W-5 WEST PATEL NAGAR, NEW DELHI-110 008.**

9/2/2004

176/DEL/2004	Bharat Heavy Electricals Ltd., BHEL House, Siri Fort, New Delhi-110049. "A Novel plug-in surge arrester for Electrical sub-station application."
177/DEL/2004	Bharat Heavy Electricals Ltd., BHEL House, Siri Fort, New Delhi-110049. "A process for chemical cleaning of boilers and heat exchangers using an organic chelating agent."
178/DEL/2004	Thomson Licensing S.A., 46 Quai A.le Gallo, F-92100 Boulogne-Billancourt, France.. "Method and apparatus for pre-processing in a common-Format central processing input signals of, or output signals for, interfaces of different type."
179/DEL/2004	National Institute of Pharmaceutical Education and Research (NIPER), Sector 67, Phase X, SAS Nagar, Mohali, District Ropar, Punjab 160062, India.. "Process for preparing 2-ethylhexyl-4 methoxy cinnamate."
180/DEL/2004	Indian Institute of Technology, Department of Aerospace Engineering, Kanpur, 208 016, UP, India.. "A twin-fluid internally mixed swirl atomizer."
181/DEL/2004	Council of Scientific & Industrial Research, Rafi Marg, New Delhi-110001, India.. "An Improved process for dephosphorization of high carbon ferromanganese."

10/2/2004

182/DEL/2004	Sh. Sanjeev Bhambl, 243-B, Subhash Nagar, Rohtak.. "Washable Sanitary Napkin."
183/DEL/2004	Morgan Construction Company, of 15 Belmont Street, Worcester, Massachusetts 01605, USA.. "Pinch roll unit." (Con. 12/2/2003, United States of America)
184/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Method and apparatus for predicting word error rates from text." (Con. 13/2/2003, United States of America)
185/DEL/2004	Kawaunee Scientific Corporation, of Post Office Box 1842, Statesville, NC 28687-1842, USA.. "Automatic sash return for work chamber." (Con. 11/7/2003, United States of America)
186/DEL/2004	Florida Electrical Industries Ltd., B-147, Mayapuri Industrial Area, Phase-I, New Delhi.. "An electronic Device with multiple safety devices."

11/2/2004

187/DEL/2004	Bharat Heavy Electricals Ltd., BHEL House, Siri Fort, New Delhi-110049. "A down wind type micro-wind turbine generator."
188/DEL/2004	Central Council for Research in Ayurveda and Siddha, 61-65, Institutional Area, Opp. D Block, Janakpuri, N.Delhi.. "A herbo mineral preparation for general immunity and strengthening the body of children."
189/DEL/2004	The Director General, Indian Council of Agricultural Research, Krishi Bhavan, New Delhi.. "A pesticidal composition."
190/DEL/2004	Sulzer Chemtech AG, Hegifeldstrasse 10, CH-8404, Winterthur, Switzerland.. "A fine distributor for a liquid."
191/DEL/2004	Honda Motor Co., Ltd., 1-1, Minamiayama 2-chome, Minato-ku, Tokyo, Japan.. "Riding simulation system." (Con. 14/2/2003, Japan)
192/DEL/2004	Samsung Electronics Co. Ltd., 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea.. "Scheduling apparatus and method in a CDMA mobile communication system." (Con. 15/2/2003, Korea)

193/DEL/2004	Jubilant Organosys Limited, Plot 1A, Sector 16-A, Noida-201301-, UP. "A novel process for the preparation donepezil."
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12/2/2004

194/DEL/2004	Sh. Yogendra Singh, C/o Sh. Sher Singh Saini, Old Electricity House, Near Ganesh Chowk, Gangoh, Distt. Saharanpur, UP. "Yoga Pilwaysol"
195/DEL/2004	Sh. Yogendra Singh, C/o Sh. Sher Singh Saini, Old Electricity House, Near Ganesh Chowk, Gangoh, Distt. Saharanpur, UP. "Yoga Antipyrin."
196/DEL/2004	Sh. Yogendra Singh, C/o Sh. Sher Singh Saini, Old Electricity House, Near Ganesh Chowk, Gangoh, Distt. Saharanpur, UP. "Yoga Hooping."
197/DEL/2004	ANSUL KUMAR AGRAWAL, SHRI BALAJI HOSPITAL, SARASWATI KUND, POST OFFICE GAYATRI TAPO BHUMI, 281003, U.P., INDIA. "A SYNERGISTIC HERBAL FORMULATION FOR REMOVAL OF KIDNEY STONES"
198/DEL/2004	CSIR, NEW DELHI, INDIA. "A PATTERNED LIQUID CRYSTAL DISPLAY FOR STORING INFORMATION USEFUL FOR ALIGNING LIQUID CRYSTALS"
199/DEL/2004	CSIR, NEW DELHI, INDIA. "AN IMPROVED PROCESS FOR THE PREPARATION OF WAX EMULSION FOR INDUSTRIAL APPLICATIONS"
200/DEL/2004	CSIR, NEW DELHI, INDIA. "A GRAVITY FED GROUNDNUT DRYER USING HOT AIR"
201/DEL/2004	Jubilant Organosys Limited, Plot 1A, Sector 16-A, Noida-201301-, UP. "Improved process for producing HMG-CoA reductase inhibitors."
202/DEL/2004	General Electric Company, One River Road, Schenectady, New York 12345, USA. "Gas turbine and method for reducing bucket tip shroud creep rate." (Con. 27/2/2003, United States of America)
203/DEL/2004	MICROSOFT CORPORATION, ONE MICROSOFT WAY, REDMOND, WASHINGTON 98052, USA. "SYSTEM AND METHOD FOR NAVIGATING A GRAPHICAL USER INTERFACE ON A SMALLER DISPLAY" (Con. 04/03/2003, 28/10/2003, United States of America)
204/DEL/2004	MICROSOFT CORPORATION, ONE MICROSOFT WAY, REDMOND, WASHINGTON 98052, USA. "METHOD, APPARATUS AND USER INTERFACE FOR MANAGING ELECTRONIC MAIL ALERT MESSAGES" (Con. 14/02/2003, United States of America)

13/2/2004

205/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Block synchronous decoding." (Con. 4/3/2003, United States of America)
206/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Multithreaded kernel for graphics processing unit." (Con. 18/2/2003, 29/5/2003 & 22/1/2004, United States of America)
207/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Systems and methods for enhancing performance of a coprocessor." (Con. 18/2/2003, 29/5/2003 & 22/1/2004, United States of America)
208/DEL/2004	Chodavarapu Janakiram & Mahmud Khalilullah C/o CIJR Research Foundation, 805 Asia House, K.G. Marg, New Delhi. "A process for preparing biologically active components having analgesic, anti-inflammatory properties, from Dodonaea SP."
209/DEL/2004	Council of Scientific & Industrial Research, Rafi Marg, N. Delhi. "Novel Lipophilic ether derivatives of dihydroartemisinin as antimalarials."



16/2/2004

210/DEL/2004	Indian Institute of Technology, Delhi(IITD) Hauz Khas, New Delhi-110016, . "An apparatus and a process for removal of arsenic."
211/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "A system and method for real-time whiteboard streaming." (Con. 24/2/2003 and 17/6/2003, United States of America)
212/DEL/2004	MICROSOFT CORPORATION, ONE MICROSOFT WAY, REDMOND, WASHINGTON 98052, USA. "ACCESS TO AUDIO OUTPUT VIA CAPTURE SERVICE " (Con. 20/03/2003, United States of America)
213/DEL/2004	MICROSOFT CORPORATION, ONE MICROSOFT WAY, REDMOND, WASHINGTON 98052, USA. "RECOVERY UPON ACCESS VIOLATION BY AUDIO PROCESSING OBJECT" (Con. 20/03/2003, United States of America)
214/DEL/2004	SONY CORPORATION, 7-35 KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN. "AN APPARATUS FOR REPRODUCING AUDIO DATA OR COMPUTER DATA FROM A DISC-SHAPED RECORDING MEDIUM"
215/DEL/2004	SONY CORPORATION, 7-35 KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN. "A DISC-SHAPED RECORDING MEDIUM"
216/DEL/2004	THOMSON LICENSING S.A., 46 QUAI ALPHONSE LE GALLO, F-92100 BOULOGNE-BILLANCOURT, FRANCE. "VIDEO APPARATUS WITH VIDEO SIGNAL DETECTION AND RESPECTIVE METHOD FOR RECOGNIZING A VIDEO SIGNAL"
217/DEL/2004	Prasid Toys Private Limited, B-36, Kirti Nagar, New Delhi-110015.. "Super smooth linear actuator with gear assembly."
218/DEL/2004	Northern India Textile Research Association, Sector-23, Rajnagar, Ghaziabad-201002, India.. "An instrument to measure linear density of continuous elastane threads and strands."
219/DEL/2004	Ricardo(UK) Limited, Bridge Works, Shoreham-By-Sea, West Sussex BN43 5FG, England, UK.. "Motorcycle with two-stroke Engine."

17/2/2004

220/DEL/2004	GE Yokogawa Medical Systems, Ltd., 4-7-127, Asahigaoka, Hino-shi Tokyo 191, Japan.. "Diffusion sensitizing imaging method."
221/DEL/2004	Sawaran Singh, Village Chhapera Th. Nun Distt. Gurgaon, Haryana, India.. "Water cut auto control (Engine) motor equipment (Engine Ka Chokidar)."
222/DEL/2004	Manohar Lal Gulati, G-4, Green Park Extension, First Floor, N.Delhi.. "Cooling device without extra energy & use of gases."
223/DEL/2004	Manohar Lal Gulati, G-4, Green Park Extension, First Floor, N.Delhi.. "Room cooling & cold storage cooling without extra energy & use of gases."
224/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Multi-radio unification protocol." (Con. 20.3.2003 & 26.11.2003, United States of America)
225/DEL/2004	Bose Corporation, of the Mountain, Framingham, Massachusetts 01701-9168, USA.. "Surface vehicle vertical trajectory planning." (Con. 18.2.2003 & 28.7.2003, United States of America)

19/2/2004

226/DEL/2004	Department of Biotechnology, Block 2, 7th Floor, C.G.O., Complex, Lodhi Road, N. Delhi and Madhav Institute of Technology and Science, Gwalior.. "A diagnostic kit for detecting pulmonary and extra pulmonary tuberculosis."
227/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "A method to delay locking of server files edit." (Con. 28/2/2003, United States of America)
228/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Enrolling/sub-enrolling a digital right management (drm) server into a drm architecture." (Con. 25/2/2003, United States of America)
229/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Method to initiate server based collaboration of E-mal attachments." (Con. 28/2/2003, United States of America)
230/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Method for managing file replication in applications," (Con. 2/2/2003, United States of America)
231/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "A method for managing multiple file states for replicated files." (Con. 28/2/2003, United States of America)
232/DEL/2004	Signode System GmbH, of Magnusstr. 18, 46535 Dinslaken, Germany.. "Apparatus and method for wrapping a product roll." (Con. 24/2/2003, Germany)
233/DEL/2004	Frmenich Sa, of 1, route des Jeunes, P.O. Box 239, 1211 Geneva 8, Switzerland.. "Perfuming Ingredient with a floral character."
234/DEL/2004	International Flavors & Fragrances Inc., 521 West, 57th Street, New York Ny 10019, USA. "Cellulose-based particles or liquids and methods for their preparation and use." (Con. 24/10/2003 & 13/3/2003, United States of America)
235/DEL/2004	Saleem Meer, C/o. P.V. Anil Chowdary, EMPID 50083, Block No. 3, S.T.P. Complex, Ganga Shopping Complex, Birla Foft Ltd, Sector No. 29, Noida, UP.. "Electronic route guide with network to locate vehicke location."
236/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi-110019, India.. "Amorphous cefditoren pivoxil compositions and process for preparing the same."
237/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi-110019, India.. "A process for prepration of an extended release formulation of divalproex."
238/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi-110019, India.. "Process for the preparation of solid dosage form of valsartan and hydrochlorthiazide."

20/2/2004

239/DEL/2004	CSIR, NEW DELHI, INDIA. "METHOD OF DETECTION OF PATHOGENIC MYCOBACTERIA IN CLINICAL SPECIMENS"
240/DEL/2004	CSIR, NEW DELHI, INDIA. "PROCESS FOR PREPARATION OF CONDUCTING POLYANILINES "
241/DEL/2004	CSIR, NEW DELHI, INDIA. "PARTIALLY HALOGENATED SOLID CATALYST. USEFUL FOR FRIEDEL-CRAFTS REACTIONS AND ITS METHOD OF PREPARATION THEREOF "
242/DEL/2004	CSIR, NEW DELHI, INDIA. "AN OPTO-ELECTRONIC DEVICE FOR ANGLE GENERATION OF ULTRASONIC PROBE"

243/DEL/2004	CSIR, NEW DELHI, INDIA. "PROCESS FOR PREPARATION OF SEMI-CONDUCTING POLYMER FILM CONTAINING BETA CRYSTALLINE PHASE OF POLYVINYLIDENE FLUORIDE "
244/DEL/2004	CSIR, NEW DELHI, INDIA. "PROCESS FOR PREPARING DIOXY-FUNCTIONALIZED PROPANE COMPOUNDS"
245/DEL/2004	CSIR, NEW DELHI, INDIA. "A SIMPLE AND EFFICIENT FOR THE PREPARATION OF PENCIL LEAD FROM SPENT POT-LINERS "
246/DEL/2004	CSIR, NEW DELHI, INDIA. "NOVEL MERCAPTO PHENYL NAPHTHYL METHANE DERIVATIVES AND PREPARATION THEREOF"
247/DEL/2004	CSIR, NEW DELHI, INDIA. "PROCESS FOR PREPARING OF SEMI-CONDUCTING POLYMER FILM CONTAINING BETA CRYSTALLINE PHASE OF POLYVINYLIDENE FLUORIDE "
248/DEL/2004	CSIR, NEW DELHI, INDIA. "EXTRACTION OF BETA-CAROTENE ENRICHED EXTRACT FROM WATER HYACINTH EICHHORNIA CRASSIPES"
249/DEL/2004	Microsoft Corporation, One Microsoft Way, Building 8, Redmond, Washington 98052-6399, USA. "Notifications for shared resources."
250/DEL/2004	Microsoft Corporation, One Microsoft Way, Building 8, Redmond, Washington 98052-6399, USA. "Application-centric user interface techniques." (Con. 27/3/2003, United States of America)
251/DEL/2004	Microsoft Corporation, One Microsoft Way, Building 8, Redmond, Washington 98052-6399, USA. "Providing information links via a network." (Con. 27/3/2003, United States of America)
252/DEL/2004	Microsoft Corporation, One Microsoft Way, Building 8, Redmond, Washington 98052-6399, USA. "Methods and systems for language translation." (Con. 24/2/2003 & 16/6/2003, United States of America)
253/DEL/2004	Microsoft Corporation, One Microsoft Way, Building 8, Redmond, Washington 98052-6399, USA. "Color gradient paths." (Con. 25/2/2003, 18/4/2003 & 23/6/2003, United States of America)
254/DEL/2004	Microsoft Corporation, One Microsoft Way, Building 8, Redmond, Washington 98052-6399, USA. "Feedback loop spam prevention." (Con. 3/3/2003, United States of America)
255/DEL/2004	Dr. Varesh Nagrath, H.No. 16/233, Opp. S.B.I. Raghav Nagar, Deoria Sadar, UP-274 001, India.. "An improved ayurvedic formulation for treatment of aids."



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 514/CAL/2002A

(22) Date of filing of : 03/09/2002  
application

(54) Title of the Invention : "WINDING METHOD AND DEVICE FOR AN ARMATURE FOR ROTARY ELECTRIC MACHINES."

<p>(51) International classification : H 01F 5/00 (30) Priority Data : (31) Document No. 2001-271207, 10/004929 (32) Date : 07/09/2001, 29/08/2002 (33) Name of convention country : JAPAN &amp; U.S.A. (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA</p>	<p>(71) Name of the Applicant : KABUSHIKI KAISHA MORIC., OF 1450-6, MORI, MORI-MACHI, SHUUCHI-GUN, SHIZUOKA-KEN, JAPAN. (72) Name of the Inventors : 1. HIGASHI HISANOBU, 2. KONDO HIROAKI</p>
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(57) Abstract : A rotating electrical machine such as electrical starter motor and more particularly to an improved method and apparatus for winding the armature coils of a rotating electrical machine. The winding apparatus and method is particularly adapted for use with large diameter sires and permits winding without a winding needle having to pass into the slot between the pole teeth. This is accomplished by introducing some slack in the wire by moving the wire in a circumferential direction when the winding needle is not disposed in proximity to the slot and then returning the winding needle to registry with the slot.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) **Application No. 515/CAL/2002A** (22) **Date of filing of : 03/09/2002 application**  
 (54) **Title of the Invention : "DUCT STRUCTURE FOR REFRIGERATOR."**

<p>(51) <b>International classification : F25D 17/08, 23/06</b>          (30) <b>Priority Data :</b>          (31) <b>Document No. 2001-55226, 2001-56892, 2001-56893</b>          (32) <b>Date : 07/09/2001, 14/09/2001, 2001-56893</b>          (33) <b>Name of convention country : KOREA</b>          (66) <b>Filed U/s 5(2) :NIL</b>          (61) <b>Patent of addition to application No. NA</b>          (62) <b>Filed on :NA</b>          (63) <b>Divisional to Application No. :NIL</b>          (64) <b>Filed on :NA</b></p>	<p>(71) <b>Name of the Applicant : LG ELECTRONICS INC., OF 20, YOIDO-DONG, YONGDUNGPO-KU, SEOUL, REPUBLIC OF KOREA.</b>           (72) <b>Name of the Inventors :</b>          1. KIM JU-HWAN,          2. JUNG WON-CHUL</p>
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(57) **Abstract :** The present invention relates to a duct structure for a refrigerator. An insulation layer 105 is formed between outer and inner cases 101 and 102, which form outer and inner surfaces of a refrigerator body 100, respectively. A duct body 120 with a cold air flow path 122 formed therein is installed at the back side of the inner case 102 where the insulation layer 105 is formed. The duct body 120 is formed to be elongated in the inner case 102 vertically a side thereof facing the inner case 102 is open, and both ends thereof is formed with flanges 124 in a longitudinal direction. The flanges 124 are portions coming into close contact with the back side of the inner case 102. The both ends of the open inlet or portion of the duct body 120 are formed with fastening protrusions 126. The inner case 102 is provided with a perforated engagement hole 103 for allowing a refrigerating chamber 107 and the cold air flow path 122 to communicate with each other through the open portion of the duct body 120. A cover plate 130 is fastened to the duct body 120 through the engagement hole 103 in the front of the inner case 102. The back side of the cover plate 130 is formed with elastic engageable ribs 134, and elastic arms 135 are formed to protrude from the tip ends of the elastic engageable ribs 134 toward the back side of the cover plate 130, respectively. The tip ends of the elastic arms 135 are formed with a plurality of serrated grooves 136, respectively.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.516/CAL/2002A (22) Date of filing of : 03/09/2002  
application

(54) Title of the Invention : "NOVEL RED-SHIFTED TRIAZINE ULTRAVIOLET LIGHT ABSORBERS."

(51) International classification : A61K 7/42, C07D 251/24 (30) Priority Data : (31) Document No. 09/54, 949 (32) Date : 27/09/01 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : CYTEC TECHNOLOGY CORPORATION, 300 DELAWARE AVENUE, WILMINGTON, STATE OF DELAWARE 19801, U.S.A. (72) Name of the Inventors : 1. GUPTA RAM BABOO, 2. SINGH HARGURPREET, 3. CAPPADONA RUSSELL.
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(57) Abstract : The present invention relates to novel red-shifted UV absorbers comprising 1,3,5-triazine structures containing a 2-naphthyl-derived substituent. The present invention also relates to a method for stabilizing a material by incorporating into such material, e.g., organic material, the novel red-shifted triazine compounds in amount effective to stabilize the material against the effects of actinic radiation.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.517/CAL/2002A (22) Date of filing of : 03/09/2002  
application

(54) Title of the Invention : "PHYSICALLY STABLE SPRAYABLE GEL COMPOSITION."

(51) International classification : A61K 9/00, 45/06 (30) Priority Data : (31) Document No. 09/54911 (32) Date : 18/09/01 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : JOHNSON & JOHNSON CONSUMER COMPANIES, INC., OF 199 GRANDVIEW ROAD, SKILLMAN, NJ 08558-9418, U.S.A. (72) Name of the Inventors : 1. KULKARNI ARUN B., 2. PASCAL FELIPE A., 3. HALAS LYNN ANN.
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(57) Abstract : A physically stable sprayable gel composition useful for delivering actives to skin including; a gelling agent water at least one water-miscible solvent; and a viscosity stabilizer, is disclosed.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.518/CAL/2002A

(22) Date of filing of : 04/09/2002  
application

(54) Title of the Invention : "SET UP IN A DRAFTING DEVICE FOR CARD SLIVER FOR EXAMPLE OF A DRAWING FRAME FOR DETERMINATION OF ADJUSTMENT VALUES FOR THE PREDRAFT."

(51) International classification : D01H 5/00

(30) Priority Data :

(31) Document No. 10162314.3

(32) Date : 19/12/01

(33) Name of convention country :

GERMANY

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant :

TRUTZSCHLER GMBH & CO. KG., OF  
DUVENSTR. 82-92, D-41199  
MONCHENGLADBACH GERMANY.

(72) Name of the Inventors :

BREUER ACHIM

(57) Abstract : Set up at a drafting device for card sliver for example of a drawing frame for determination of adjustment values for there draft, wherein the ratio of circumferential speeds of middle to feed bottom rolls of drafting device is changeable in order to change the draft, measured values of a variable characterizing the draft forces in main – and /or are draft field are admissible.

In order to improve even further the matching of drafting device in each range change and/or quality change of produced fibre objects. A separate drive motor is provided for drive of the middle roll pair, the variable characterizing the draft force at middle drive motor is measurable and is a function between the measured values of variables characterizing the draft forces and a pre draft work can be determined, whose slope and point or rather – area gives a parameter, which is drawn for adjustment of an optimum pre draft value of the drafting device.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 519/CAL/2002A (22) Date of filing of : 04/09/2002 application

(54) Title of the Invention : "ROLLER FOR SPINNING MILL PREPARATION MACHINE, FOR EXAMPLE DRUM DOFFING CYLINDER OR THE EQUIVALENT FOR A CARD."

(51) International classification : D01H 3/10	(71) Name of the Applicant :
(30) Priority Data :	TRUTZSCHLER GMBH & CO. KG, OF
(31) Document No. 10162313.5	DUVENSTER 90-92, D-41199
(32) Date : 19/12/01	MONCHENGLADBACH GERMANY.
(33) Name of convention country :	(72) Name of the Inventors :
GERMANY	1. PFERDMENGES GERD,
(66) Filed U/s 5(2) : NIL	2. PISCHEL ROBERT,
(61) Patent of addition to application No. NA	
(62) Filed on : NA	
(63) Divisional to Application No. : NIL	
(64) Filed on : NA	

(57) Abstract : In a roller for spinning mill preparation machine for example drum doffing cylinder or the equivalent for a card, their casing is supported at it's and in each case against a hub fixed to a drive shaft.

In order to procure a roller which makes possible in simple way a smaller radial true run deviation (tolerance) and is considerably lighter, in each case only one shaft neck (stub-end) at the ends is present, which is combined through bonding with the associated hub.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 520/CAL/2002A (22) Date of filing of : 04/09/2002 application

(54) Title of the Invention : "A METHOD OF COUPLING PLASTIC PIPES WITHOUT USING TOOLS."

(51) International classification : F16L 47/00	(71) Name of the Applicant : PREMIER
(30) Priority Data :	IRRIGATION EQUIPMENT LIMITED OF
(31) Document No.	174C, ALIPORE ROAD, KOLKATA - 700
(32) Date :	027, WEST BENGAL INDIA.
(33) Name of convention country :	(72) Name of the Inventors :
(66) Filed U/s 5(2) : NIL	POOK MICHAEL JOHN
(61) Patent of addition to application No. NA	
(62) Filed on : NA	
(63) Divisional to Application No. : NIL	
(64) Filed on : NA	

(57) Abstract : A coupling for joining plastic pipes comprising a first coupling part in the form of a socket (1) attached to an end of one of the pipes to be joined;  
 a second coupling part in the form of a spigot (2) attached to an end of other pipe;  
 an annular groove (4) formed on said socket (1) having two oppositely disposed slots (5);  
 a stop (7) provided on one side of said slot (5); and  
 two lugs (8) provided on the surface of said spigot (2) so that said spigot (2) can be pushed into said socket (1) upon alignment of said lugs (8) with said slots (5); and  
 said spigot (2) can be turned clockwise for coupling into said socket (1)

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.521/CAL/2002A

(22) Date of filing of : 04/09/2002  
application

(54) Title of the Invention : "INSULATOR FOR ARMATURE OF DYNAMO-ELECTRIC MACHINE."

(51) International classification : H01F 5/06

(30) Priority Data :

(31) Document No. 2001-271480, 10/064927

(32) Date : 07/09/2001, 29/08/2002

(33) Name of convention country : JAPAN & U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : KABUSHIKI KAISHA MORIC, OF 1450-6, MORI, MORI-MACHI, SHUUCHI-GUN, SHIZUOKA-KEN, JAPAN.

(72) Name of the Inventors :

1. NAGAI KENJI,
2. KONDO HIROAKI,
3. HIGASHI HISANOBU,
4. MATSUMOTO TAKAHIRO.

(57) Abstract : An armature for a rotating electrical machine and more particularly to an insulating cover for the pole teeth around which the winding are formed that has good strength against the winding without risk of damage of the insulator due to increased thickness in the highly stressed areas.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.522/CAL/2002A

(22) Date of filing of : 04/09/2002  
application

(54) Title of the Invention : "INSULATOR OF AN ARMATURE FOR ROTARY ELECTRIC MACHINES."

(51) International classification : H01F 5/06

(30) Priority Data :

(31) Document No. 2001-271367, 10/064925

(32) Date : 07/09/2001, 29/08/2002

(33) Name of convention country : JAPAN & U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : KABUSHIKI KAISHA MORIC, OF 1450-6, MORI, MORI-MACHI, SHUUCHI-GUN, SHIZUOKA-KEN, JAPAN.

(72) Name of the Inventors :

1. NAGAI KENJI,
2. KONDO HIROAKI,

(57) Abstract : Several embodiments of rotating electrical machines having a protruding wall provided as a wire guide at the forward end of an arm section of the insulator around which the coils are wound. Therefore, when a wire is wound around on the outside of the slots to form a coil on magnetic pole teeth, the wire at the coil end portion is guided toward a slot entrance between magnetic pole teeth, providing smooth wire winding action. In addition, this protruding wall prevents the wound wire on the magnetic pole teeth from slipping out from the slot.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 523/CAL/2002A

(22) Date of filing of application: 04/09/2002

(34) Title of the Invention: "TIRE."

(51) International classification : B60C 7/00, 25/00

(30) Priority Data :

(31) Document No.

(32) Date :

(33) Name of convention country :

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : HSU SHUT-CHEN, OF NO. 7 ALLEY 1, LANE 108, SEC 3, NUNG-CHUAN RD., 1 LAN CITY, TAIWAN, REPUBLIC OF CHINNA.

(72) Name of the Inventor:

HSU SHUT-CHEN.

(57) Abstract : A tire having two inward lips respectively protruded from two opposite sidewalls of the body there of an inner side adapted for supporting the tire in shape when the tire damaged accidentally, the inward lips each having a corrugated bottom sidewall, two opposite lateral sidewalls, and a plurality of air holes transversely extended through the lateral sidewalls.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 524/CAL/2002A (22) Date of filing of : 5.9.2002  
application

(54) Title of the Invention : FIDDS- THE FULLY INDEXED DATA STORAGE SYSTEM FOR STORAGE OF VARIABLE AND ARBITRARY DIMENSIONAL DATA-SETS.

(51) International classification : G06F – 17/00

(30) Priority Data :

(31) Document No.

(32) Date :

(33) Name of convention country :

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant :STEX TECHNOLOGIES (P) LTD OF 7 BONDEL ROAD, CALCUTTA 700 019, INDIA

(72) Name of the Inventors :MR. TRIDIB ROY CHOWDHURY

(57) Abstract : The invention is a method for a creating a multidimensional index structure to provide for an indexing on a variable and arbitrary dimensional data-set, and methods to manipulate this data, and access this data based on any arbitrary query.

Data objects may have undefined values (NULL values) for certain dimensions or may have a variable number of values as in the case of attributes of type sets, thus resulting a data-space of variable dimension. The data structure of the current invention supports the indexing and storage of this variable dimension data-space. The data structure also stores the complete data record within its structures, thereby obviating the need to store these indexing attributes in a table.

The current invention reduces a variable dimensional data-set (variable because of varying cardinality of the set attributes), to a 1-dimensional space which is then stored in 4 B+- Tree structures. A uniform access method not only supports traditional point queries and range queries, but also handles disjunctive queries, NOT queries, queries on set data like subset, superset, overlap. All these queries have a very similar complexity. The performance advantage of this data structure in space and time improves with increasing data size and data dimensionality. c The four index B+ Trees are constructed in such a way to ensure that the directory of all the B+ Trees can be stored within the cache memory of a computer. The data structure is designed so that an automatic 50% software fault tolerance built-in to the design, without any redundant storage overheads. This significantly increases reliability in the case of large commercial deployment.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. /528CAL/2002A (22) Date of filing of : 10.9.2002

(54) Title of the Invention : SATURATION SUPPRESSION OF CRT OUTPUT AMPLIFIER.

(51) International classification : H01J - 63/00 (30) Priority Data : (31) Document No. 01124111.4 (32) Date : 10.10.2001 (33) Name of convention country : EPO (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA	(71) Name of the Applicant : THOMSON LICENSING S.A. OF 46 QUALIA LE GALLO F-92100 BOULONE-BILLANCOURT, FRANCE.  (72) Name of the Inventors : FEY BERND.
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(57) Abstract : The invention provides a circuit for controlling a cathode ray tube. The circuit comprises a source of input colour signals ( $U_{in}(R)$ ,  $U_{in}(G)$ ,  $U_{in}(B)$ ) for the primary colours of the cathode ray tube. Output amplifiers are coupled to the source of colour input signals and to electron guns of the cathode ray tube. Finally, limiting means are provided to limit the colour input signals to a predetermined threshold value. In this way the output amplifiers are prevented from saturation and undesirable smears do not appear on the screen. In an advantageous embodiment the limiting means are realized by a diode biased in reverse direction.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 529/CAL/2002A (22) Date of filing of : 10.09.2002  
application

(54) Title of the Invention : BUCKET AND WHEEL DOVETAIL DESIGN FOR TURBINE ROTORS

(51) International classification : F03B 3/14

(30) Priority Data :

(31) Document No.09/976,295

(32) Date:15.10.2001

(33) Name of convention country :UNITED STATES OF AMERICA.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant :GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, UNITED STATES OF AMERICA.

(72) Name of the Inventors :

1. YEHLE GARY EDWARD

2. BYLINA NOEL JACOB.

3. LILLIBRIDGE WAYNE ALAN.

(57) Abstract : A dovetail joint between a rotor wheel and a bucket includes a male dovetail component on the rotor wheel and a female dovetail component on the bucket. The male dovetail component has axially projecting hooks with slanted surfaces along generally radially inwardly directed surfaces. The slanted surfaces form included angles with a plane normal to the axis of rotation and bisecting the wheel dovetail which are larger than 90° and remain constant for all of the hooks. Single radius fillets are also provided along the transition surfaces between the slanted crush surfaces and the neck surfaces. The stress concentrations are therefore minimized.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 530/CAL/2002A (22) Date of filing of : 10.09.2002

application

(54) Title of the Invention : AUGMENTATION-INDEX DETERMINING APPARATUS AND ARTERIOSCLEROSIS INSPECTING APPARATUS

<p>(51) International classification : A61B 5/02, G04F 10/04</p> <p>(30) Priority Data :</p> <p>(31) Document No. 20020-003403</p> <p>(32) Date : 10/01/2002</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : COLIN CORPORATION OF 2007-1, HAYASHI, KOMAKI-SHI, AICHI-KEN, JAPAN</p> <p>(72) Name of the Inventors :</p> <p>1. OGURA TOSHIHIKO</p> <p>2. NARIMATSU KIYOYUKI</p> <p>3. TAMPO AKIA.</p> <p>4. HONDA TAKASHI</p>
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(57) Abstract : An augmentation-index determining apparatus (10), including a cuff (12), a cuff-pressure changing device (16, 18, 24, 50) which changes a pressure of the cuff, a pulse-wave extracting device (28) which extracts a pulse wave from a pressure oscillation transmitted to the cuff, a peak-occurrence-time determining means (54) for determining, based on a high -cuff-pressure pulse wave which is extracted by the pulse-wave extracting device when the cuff-pressure changing device makes the pressure of the cuff higher than a systolic blood pressure of a subject, a time of occurrence of a peak point of an incident-wave component of the high. cuff-pressure pulse and a time of occurrence of a peak point of a reflected-wave component of the same, and an augmentation-index determining means (56) for determining, based on the respective times of occurrence of the respective peak points of the incident-wave and reflected -wave components of the high -cuff-pressure pulse, respective times of occurrence of respective peak points of incident-wave and reflected -wave components of a low-cuff-pressure pulse which is extracted by the pulse-wave extracting device when the cuff-pressure changing device makes the pressure of the cuff lower than a mean blood pressure of the subject, and determining an augmentation index based on respective magnitudes of the low-cuff-pressure pulse wave at the respective times of occurrence of the respective peak points of the incident-wave and reflected-wave components of the low.cuff-pressure pulse.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 531/CAL/2002A (22) Date of filing of : 10.09.2002

application

(54) Title of the Invention : ARTERIOSCLEROSIS INSPECTING APPARATUS

(51) International classification : A61B 05/02

(30) Priority Data :

(31) Document No.2002-009612

(32) Date : 18.1.02

(33) Name of convention country : JAPAN

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : COLIN CORPORATION OF 2007-1, HAYASHI, KOMAKI-SHI, AICHI-KEN, JAPAN

(72) Name of the Inventors : 1. OGURA TOSHIHIKO

2. NARIMATSU KIIYOYUKI

3. TAMPO AKIA.

4 HONDA TAKASHI

(57) Abstract : An apparatus (10) for inspecting arteriosclerosis of a living subject, comprising a pulse-wave detecting device (54) which detects a pulse wave from a portion (38) of the subject; an augmentation-index determining means (96) for determining, based on the pulse wave detected by the pulse-wave detecting device, an augmentation index indicating a proportion of a reflected -wave component of the pulse wave to an incident-wave component thereof, so that the arteriosclerosis of the subject is inspected based on the augmentation index determined by the

augmentation-index determining means; at least one waveform- related-information obtaining device (28, 86; 68, 88; 54, 90; 70, 92; 72, 94) which obtains at least one sort of waveform-related information that is related to a change of a waveform of the pulse wave detected by the pulse-wave detecting device; a display device (79); an augmentation-index displaying means (98) for operating the display device to display the augmentation index determined by the augmentation-index determining means; and a waveform-related-information displaying means (100) for operating the display device to display, in addition to the augmentation index, the waveform-related information obtained by the waveform-related-information obtaining device.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 532/CAL/2002A (22) Date of filing of : 11.9.2002

application

(54) Title of the Invention : FLUORESCENT ELASTIC YARN AND METHOD FOR PRODUCING THE SAME.

<p>(51) International classification : D06M 13/00 D01F 1/10 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : HYOSUNG CORPORATION OF 450 KONGBUK-DONG MAPO-GU SEOUL 131-020, REPUBLIC OF KOREA.  (72) Name of the Inventors : 1. YEON SOO KANG. 2. MIN SU PARK. 3. SO RA YOO 4. SEUNG WON SEO</p>
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(57) Abstract: Disclosed is a fluorescent elastic yarn and method for producing the same. The fluorescent elastic yarn can fluoresce sufficiently to allow a thin elastic yarn to be seen by the naked eye when ultraviolet light is irradiated to the fluorescent elastic yarn by adding a novel organic additive to a polymer or a spinnifinish. Therefore, the fluorescent elastic yarn of the present invention is advantageous in that production of inferior covered yarns is prevented.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 533/CAL/2002A (22) Date of filing of : 11.9.2002  
application

(54) Title of the Invention : NEW MODIFIED SAL LEAF PLATE ECT. MOULDING MACHINE USING BIO-MASS AS FUEL

<p>(51) International classification : B27N 3/08 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant :INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR PIN - 721302, WEST BENGAL, INDIA.  (72) Name of the Inventors : 1. CHATTOPADHYAY PROF. R.N 2. MAHAPATRA DR. S.C 3. BHATTACHARYA MANOJ KR.</p>
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(57) Abstract : A system for trimming and moulding articles of natural material such as Sal leaf plates and in particular to an integrated system for one step trimming and moulding of articles of natural material such as Sal leaf plates comprising: atleast one bottom die plate and a corresponding top die plate; each said top die plate also provided with means to hold cutter means, such that during downward motion of said top die plate with respect to a corresponding bottom die plate the said trimming of the article is effected by the cutter means as also the moulding of the article by said corresponding top and bottom die set; guide means adapted to maintain proper alignment of said reciprocating top die plate with respect to a corresponding bottom die plate. The system would provide for improvement in the trimming and moulding machines and the method for manufacture of such moulded articles of natural material such as Sal plate and the like which would on one hand be simple and cost effective and use and at the same time would avoid the aforesaid problems of the conventional trimming and moulding machines presently in use. The system is stable, rigid and compact and therefore, can be extensively used without need for regular maintenance and/or any required specialized training/knowledge of its operation. The system would ensure proper trimming of the plates attended in tandem with the moulding operation thereby enabling maintaining uniformity in the manufacture of the Sal plates and also avoid problems of groove clogging and would therefore necessarily provide for efficient functioning of the machine without requiring regular maintenance. The system is developed such that it would not require replacement of the entire machine in case of worn out or damaged parts thereby providing for simplicity in maintenance and durability of the machine. Also it would ensure convenient and safe operation by the operator without being affected by the flue and dust as well as the heat constantly generated during the operation of the machine.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 537/CAL/2002A

(22) Date of filing of : 13/09/2002  
application

(54) Title of the Invention : "A RECORDING MEDIUM."

<p>(51) International classification : G11 B 5/82 (30) Priority Data : (31) Document No. 98-15769 (32) Date : 01/05/98 (33) Name of convention country : KOREA (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : SAMSUNG ELECTRONICS CO. LTD., OF 416 MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, REPUBLIC OF KOREA. (72) Name of the Inventors : 1. CHUNG HYUN-KWON, 2. KO JUNG-WAN, 3. KIM BYUNG-JUN, 4. KIM YOUNG-YOON, 5. LEE DO-NAM</p>
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(57) Abstract : A recording medium comprising;

real time files requiring real time recording/reproduction,  
and

a separate file in which real time recording/reproduction information for ensuring real time recording/reproduction of the real time files is stored.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.538/CAL/2002A

(22) Date of filing of : 13/09/2002  
application

(54) Title of the Invention : "A RECORDING AND/OR REPRODUCING APPARATUS."

<p>(51) International classification : G11 B 5/82  (30) Priority Data :  (31) Document No. 98-15769  (32) Date : 01/05/98  (33) Name of convention country : KOREA  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : SAMSUNG ELECTONICS CO. LTD., OF 416,MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, REPUBLIC OF KOREA.  (72) Name of the Inventors :  1. CHUNG HYUN-KWON,  2. KO JUNG-WAN,  3. KIM BYUNG-JUN,  4. KIM YOUNG-YOON,  5. LEE DO-NAM</p>
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(57) Abstract : A recording and/or reproducing apparatus for recording and/or reproducing real time files on a disc (150) using real time recording/reproduction information for ensuring real time recording/reproduction, comprises: a codec (110) to compress and encode an input bitstream and to provide compressed and encoded data upon recording on the disc, and decode the compressed and encoded data upon reproduction from the disc; a buffer (120) to temporarily store the compressed and encoded data at a recording bit rate using bit rate information included in the real time information, and to transmit the compressed and decoded data written on the disc to the codec at a reproduction bit rate; a signal processor (130) to convert the compressed and encoded data stored in the buffer into a signal suitable for recording and to transmit the converted signal together with the real time information onto the disc upon recording, and to reproduce the compressed and encoded data read from the disc according to the real time information recorded on a predetermined area of the disc; and a controller (170) to control driving of a servo mechanism including a spindle motor (160) according to the bit rate information of the real time information.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.539/CAL/2002A

(22) Date of filing of : 13/09/2002  
application

(54) Title of the Invention : "A METHOD OF PRODUCING A COMPOSITE METAL HYDROXIDE."

<p>(51) International classification : C08L 101/00</p> <p>(30) Priority Data :</p> <p>(31) Document No. 7-198/786</p> <p>(32) Date : 03/08/95</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. :1382/CAL/96</p> <p>(64) Filed on : 02/08/96</p>	<p>(71) Name of the Applicant : TATEHO CHEMICAL INDUSTRIES CO. LTD., OF 974, A.ZAKATO, KARIYA, AKO-SHI, HYOGO 670-02, JAPAN.</p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. KURISU HIROFUMI,</li> <li>2. KODANI TOSHIKAZU,</li> <li>3. KAWASE ATSUYA,</li> <li>4. OKI TAKASHI.</li> </ol>
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**(57) Abstract :**

To provide a method of producing a composite metal hydroxide of a uniform metallic solid solution having excellent flame retardancy, a composite metal hydroxide obtained thereby and a flame retardant high-molecular composition superior in mechanical strength obtained thereby and therewith.

[MEANS TO ACHIEVE THE OBJECT] A composite metal hydroxide represented as the following general formula (1) is produced by reacting magnesium aqueous solution (X) including water soluble zinc compound and having a specific magnesium ion concentration with alkaline material (Y) at a reaction equivalent ratio (X:Y) of X:Y=1:1.01 to 1:1.20.

[CHEMICAL 1]  $Mg_{1-x}Zn_x(OH)_2$  (1) wherein x indicates a positive number within a range of  $0.03 \leq x \leq 0.1$ .

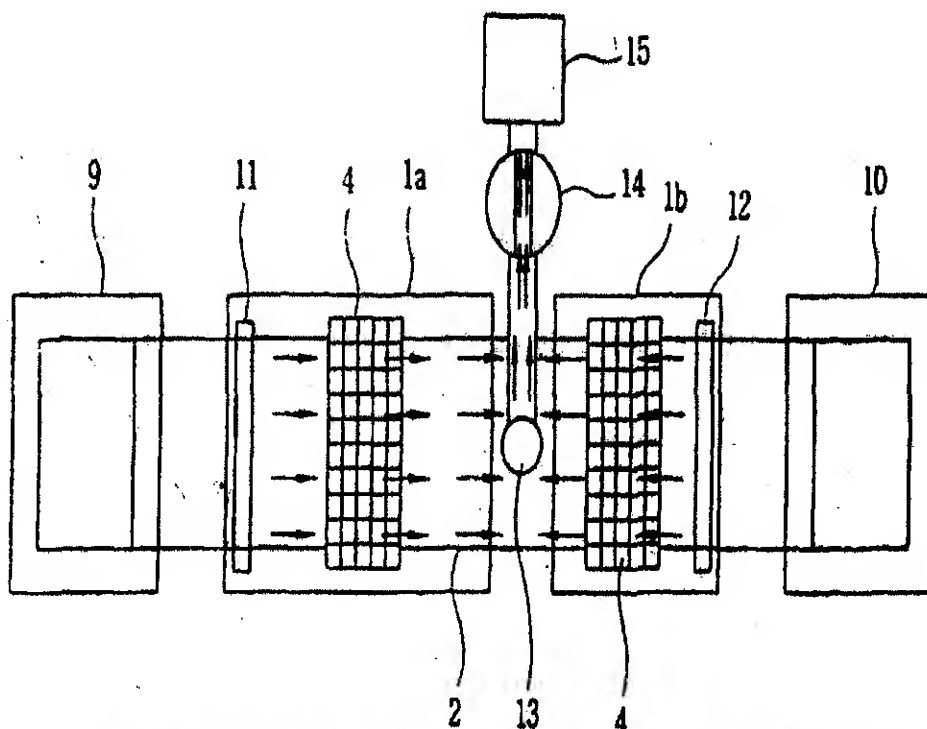
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01116 A (22) Date of filing of : 02/09/2002 application  
 (54) Title of the Invention : "SUPPLYING AND EXHAUSTING SYSTEM IN PLASMA POLYMERIZING APPARATUS."

(51) International classification : C23C 16/54 (30) Priority Data : (31) Document No. 2000/11004 (32) Date : 06/03/2000 (33) Name of convention country : KR (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA	(71) Name of the Applicant : LG ELECTRONICS INC., 20, YOIDO-DONG, YONG-DUNGPO-KU, SEOUL 150-010 (KR).  (72) Name of the Inventors : 1. JEONG, YOUNG-MAN, 2. LEE, SU-WON, 3. YOON, DODNG-SIK.
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## (57) Abstract :



A plasma polymerizing apparatus is provided which comprises at least one chamber in which sheet to be coated can be moved continuously, at least one gas inlet supplying reactive gas into the chamber, and at least one gas outlet exhausting the reactive gas out of the chamber, wherein the gas inlet and the gas outlet are disposed on the chamber in such a way that reactive gas flows in substantially parallel with moving direction of the sheet.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01117 A (22) Date of filing of : 02/09/2002 application

(54) Title of the Invention : "MODULAR CONSTRUCTION SYSTEM CONSISTING OF HOLLOW CUBE MODULES AND INSERTABLE CONNECTOR ELEMENTS FOR ASSEMBLY WITH SAID MODULES."

(51) International classification : A63H 33/10 (30) Priority Data : (31) Document No. 100 04 505.7, 100 07 682.3, 100 57 617.6 (32) Date. 02/02/2000, 19/02/2000, 21/11/2000 (33) Name of convention country : Germany. (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA	(71) Name of the Applicant : NICE TOYS GMBH., OF STEINBERGSTRASSE 57, 95671, BARNAU, GERMANY.  (72) Name of the Inventors : ZWERENZ REINHOLD
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**(57) Abstract:**

The invention relates to a modular construction system consisting of insertable modules which are embodied as hollow cubes and have open quadratic side surfaces. Adjacent modules in said modular construction are connected to an upper and lower section by means of insertable connector elements. Both sections have two parallel beams which are distanced from each other. The beams of different sections are arranged at right angles to each other and respectively define the perimeter of the insertable element. Both sections have a common peripheral raised edge which is used as a stop when the insertable element is inserted into the hollow cube. The invention also relates to special modules and special insertable elements.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01118 A	(22) Date of filing of : 02/09/2002 application
(54) Title of the Invention : "PLASMA POLYMERIZATION SYSTEM AND METHOD FOR PLASMA POLYMERIZATION."	
(51) International classification : C23C 16/54 (30) Priority Data : (31) Document No. 2000/12101 (32) Date: 10/03/2000 (33) Name of convention country : KOREA (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA	(71) Name of the Applicant : LG ELECTRONICS INC., OF 20, YOIDO-DONG, YONGDUNGPO-KU, SEOUL, REPUBLIC OF KOREA.  (72) Name of the Inventors : 1. KANG SUNG-HEE, 2. OH JEONG-KEN

(57) Abstract:

A plasma polymerizing system including at least one chamber is disclosed. After polymerizing a surface of a sheet by generating plasma of reactive gas in the chamber, mixed gas of oxygen and nitrogen is provided into the chamber for preventing the deterioration of the polymerizing property of the sheet. Air can be provided for the mixed gas.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01119 A	(22) Date of filing of : 02/09/2002 application
(54) Title of the Invention : "HORMONE REPLACEMENT THERAPY USING A COMBINATION OF CONJUGATED ESTROGENS AND MEDEROXYPROGESTERONE ACETATE."	
(51) International classification : A61K 31/57, A61P 5/30 (30) Priority Data : (31) Document No. 60/190,630, 60/268,607 (32) Date: 20/03/2000, 14/02/2001 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA	(71) Name of the Applicant : WYETH., OF FIVE GIRALDA FARMS, MADISON, NJ 07940, U.S.A.  (72) Name of the Inventors : PICKAR JAMES H.,

(57) Abstract: This invention relates to methods and pharmaceutical compositions for providing hormone replacement therapy in perimenopausal, menopausal, and postmenopausal women through the continuous administration of combinations of conjugated estrogens and medroxyprogesterone acetate.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01121 A

(22) Date of filing of: 02/09/2002 application

(54) Title of the Invention : "PYRIDAZINYL PHENYL HYDRAZONES USEFUL AGAINST CONGESTIVE HEART FAILURE."

<p>(51) International classification : C07D 237/04</p> <p>(30) Priority Data :</p> <p>(31) Document No. 20000577</p> <p>(32) Date. 13/03/2000</p> <p>(33) Name of convention country : FINLAND</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : ORION CORPORATION., OF ORIGININEE 1, FIN-02200 ESPOO, FINLAND.</p> <p>(72) Name of the Inventors :  1. PYSTYNEN JARMO; 2. PIPPURI AINO;  3. LUIRO ANNE, 4. NORE PENTTI,  5. BACKSTROM REIJO, 6. LONNBERG KARI, 7. HAIKALA HEIMO,  8. LEVIJOKI JOUKO, 9. KAHEINEN PETRI,  10. KAIVOLA JUHA.</p>
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(57) Abstract: Therapeutically active compounds of formula (I) in which R<sub>1</sub> to R<sub>4</sub> means hydrogen, alkyl, allyl, aryl, arylalkyl, carboxyalkyl, hydroxyalkyl or halogenalkyl, or R<sub>1</sub> and R<sub>2</sub> form a ring of 5-7 carbon atoms, R<sub>5</sub> to R<sub>8</sub> means hydrogen, alkyl, allyl, aryl, arylalkyl, acyl, hydroxy, alkoxy, alkoxy-carbonyl, amino, acylamino, alkylamino, arylory, halogen, cyano, nitro, carbony, alkyl-sulfonyl, sulfonamido or trifluoromethyl, wherein each aryl residue defined above by itself or as a part of another group may be substituted, and pharmaceutically acceptable salts and esters thereof. The compounds increase the calcium sensitivity of contractile proteins of the cardiac muscle and are thus useful in the treatment of congestive heart failure.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01122 A

(22) Date of filing of : 02/09/2002  
application

(54) Title of the Invention : "USE OF A COMPOUND FOR PREPARING A DRUG."

<p>(51) International classification : A61K 31/519</p> <p>(30) Priority Data :</p> <p>(31) Document No. 0000537-1</p> <p>(32) Date. 18/02/2000</p> <p>(33) Name of convention country : SE</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : LUNDBLAD, LEIF, J. I. SWEDEN, DJURGARDASSLARREN 100 S-11521 STOCKHOLM, A SWEDISH NATIONAL.</p> <p>(72) Name of the Inventors : 1. MOLLER, LENNART, 2. BERGMAN, JAN.</p>
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(57) Abstract : Use of a compound of formula (I) wherein R1 represents hydrogen or one or several, preferably 1 to 4, similar or different substituents in the positions 1-4 and/or 7-10, selected from halogen, preferably Br, lower alkyl/alkoxy group having not more than 4 carbon atoms, trifluoromethyl group, trichloromethyl group; and in one of the positions 7-10 R1 can be a hydroxyl group X is a group  $-(CH_2)_n-R_2$ , wherein R2 represents a nitrogen containing basic residue such as  $NH_2$ ,  $NHR_4$  or  $NR_5R_6$  wherein R4, R5 and R6 independently are lower alkyl or cycloalkyl and n is an integer of from 1 to 4 and R3 represents hydrogen, lower alkyl/cycloalkyl group having not more than 4 carbon atoms, and the physiologically acceptable addition products of the compounds with acids and halogen adducts, preferably adducts with iodine, iodine monochloride or iodine mono-bromide, for preparing a drug for treatment of MS (multiple sclerosis).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01123 A

(22) Date of filing of : 02/09/2002  
application

(54) Title of the Invention : "COMBINED LANCET AND ELECTROCHEMICAL ANALYTE-TESTING APPARATUS."

<p>(51) International classification : A61B 5/15, 5/00</p> <p>(30) Priority Data :</p> <p>(31) Document No. 09/518,075</p> <p>(32) Date : 02/03/2000</p> <p>(33) Name of convention country : US</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : <b>INVERNESS MEDICAL TECHNOLOGY INC., OF SUITE 200, TWO UNIVERSITY PARK, 51 SAWYER ROAD, WALTHAM, MA 2453-3448, U.S.A.</b></p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"><li>1. MOERMAN, PIET,</li><li>2. MCALEER JEROME F.,</li><li>3. STEINE, MATTHIAS.</li></ol>
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(57) Abstract : An apparatus for detection and quantitation of an electrochemically-detectable analyte, such as glucose, in blood or interstitial fluid includes a meter unit, a lancet and an electrochemical sensor. Of these components, the meter is preferably reusable, while the lancet and the electrochemical sensor are preferably incorporated in assemblies intended for single-use. The meter unit has a housing, within which a lancet is engaged with a mechanism for moving then lancet; a connector disposed within the housing for engaging an electrochemical sensor specific for the analyte and transmitting a signal indicative of the amount of analyte, and a display operatively associated with a connector for displaying the amount of the analyte to user. The electrochemical sensor is adapted for detection of a particular analyte.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01125 A

(22) Date of filing of : 03/09/2002  
application

(54) Title of the Invention : "ION EXCHANGE MEMBRANE FUEL CELL"

(51) International classification : H01M  
8/04, 8/10, 8/24

(30) Priority Data :

(31) Document No. 09/577,407

(32) Date : 17/05/2000

(33) Name of convention country : USA

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

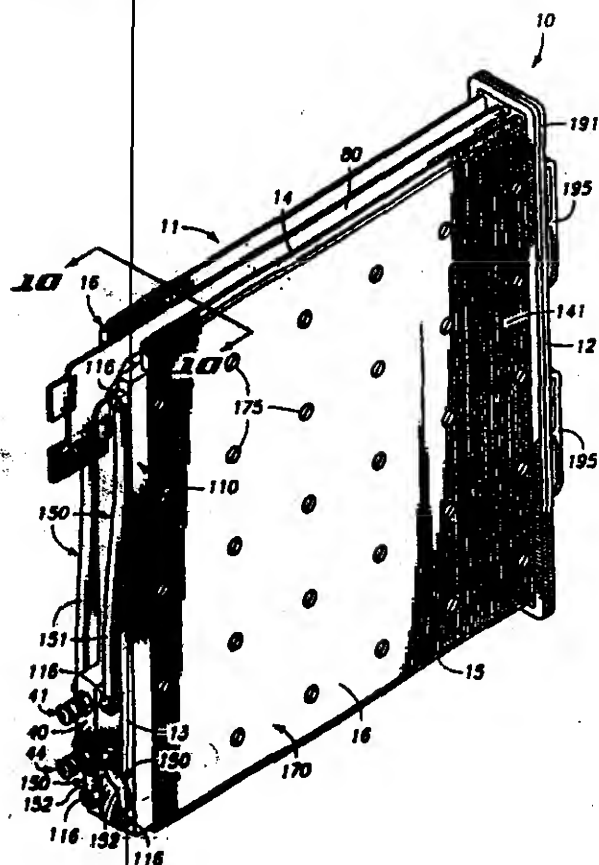
(71) Name of the Applicant : AVISTA  
LABORATORIES, INC., OF 15913 E,  
EUCLID, SPOKANE, WASHINGTON  
99216, U.S.A.

(72) Name of the Inventors :

1. FUGLEVAND WILLIAM A.
2. DEVRIES PETER D.,
3. LLYOD GREG A.,
4. LOTT DAVID R.,
5. SCARTOZZI JOHN P.

**(57) Abstract:**

(57) Abstract: An ion exchange membrane fuel cell (10) is described and which includes a module (11) enclosing a membrane diffusion electrode assembly (100), which has an active area defined by a surface area, and which produces an average current density of at least about 350 mA per square centimeter of surface area when supplied with a dilute fuel at a nominal voltage of about 0.5 volts.





**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No.** IN/PCT/2002/01126 A

(22) **Date of filing of :** 03/09/2002  
application

(54) **Title of the Invention :** "METHOD FOR THE ESR-SPECTROSCOPIC DETECTION OF CHANGES IN THE TRANSPORT PROPERTIES OF ALBUMIN IN AN ALBUMIN-CONTAINING SAMPLE, ESR-SPECTROMETER FOR CARRYING OUT SAID METHOD, AND USE OF THE METHOD FOR DIAGNOSTIC PURPOSES AND FOR CONTROLLING ALBUMIN-CONTAINING PREPARATIONS."

(51) **International classification :** G01R 33/60

(30) **Priority Data :**

(31) **Document No.** 100 11 163.7

(32) **Date :** 28/02/2000

(33) **Name of convention country :** Germany.

(66) **Filed U/s 5(2) :** NIL

(61) **Patent of addition to application No.** NA

(62) **Filed on :** NA

(63) **Divisional to Application No. :** NIL

(64) **Filed on :** NA

(71) **Name of the Applicant :** E.W.  
HANDELS-UND CONSULTING GMBH.,  
OF LINDENSTRASSE 4, 15732  
EICHWALDE, GERMANY

(72) **Name of the Inventors :**

1. MURAVSKY VLADIMIR A.,
2. MILUTIN ALEXANDER,
3. MATTHES GERT A.,
4. SEIBT GUNTER.

(57) **Abstract :** The invention relates to method for the ESR-spectroscopic detection of changes in the transport properties of albumin in an albumin-containing sample. Said method can be used in the medical, biological, biotechnological and veterinary praxis for diagnostic purposes and/or for monitoring physiological or pathological changes in the human or animal body or for the quality control of albumin-containing preparations, especially blood products. The invention further relates to an ESR spectrometer for carrying out the inventive method, which - being an automated ESR analyzer - allows for a simple and reliable handling required in modern clinical laboratories. The inventive ESR spectrometer integrates automatic device controls, signal registration and signal evaluation in combination with a computer program for the diagnostic analysis of the measured data.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01127 A (22) Date of filing of : 03/09/2002 application  
(54) Title of the Invention : "PROCESS FOR THE PREPARATION OF 5-ARYLNICOTINALDEHYDES."

(51) International classification : C07D 213/30, 213/48, 213/80 (30) Priority Data : (31) Document No. 100 05 150.2 (32) Date : 07/02/2000 (33) Name of convention country : Germany. (66) Filed U/s 3(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA	(71) Name of the Applicant : MERCK PATENT GMBH., FRANKFURTER STRASSE 250, 64293 DARMSTADT, GERMANY.  (72) Name of the Inventors : 1. BATHE ANDREAS, 2. BOKEL HEINZ, 3. KEIL THOMAS, 4. KNIERIEMEN RALF, 5. MURMANN CHRISTOPH.
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(57) Abstract :

The invention relates to a process for the preparation of 5-arylnicotin- aldehydes by reduction of the corresponding 5-arylnicotinic acids by catalytic hydrogenation in the presence of carboxylic anhydrides in which the catalyst used is a palladium/ligand complex, characterized in that the molar ratio between palladium and ligand is from 1:5 to 1:15 in the case of monodentate ligands and from 1:2.5 to 1:7.5 in the case of bidentate ligands.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01128A

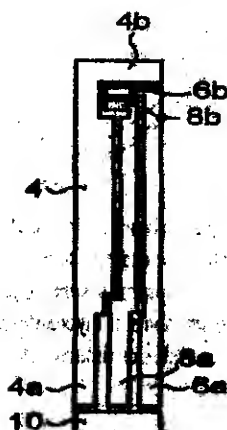
(22) Date of filing of : 03/09/2002  
application

(54) Title of the Invention : "MEASUREMENT OF SUBSTANCES IN LIQUIDS."

<p>(51) International classification : G01N 33/487, 33/66, C12Q 1/00, 1/54, A61B 5/00</p> <p>(30) Priority Data :</p> <p>(31) Document No. 0005564.0</p> <p>(32) Date : 08/03/2000</p> <p>(33) Name of convention country : GB</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : INVERNESS MEDICAL LIMITED, OF BEECHWOOD PARK NORTH, INVERNESS IV2 3ED, GREAT BRITAIN.</p> <p>(72) Name of the Inventors : 1. DAVIES, OLIVER W. H., 2. LEACH, CHRISTOPHER P., 3. ALVEREZ-ICAZA MANUEL.</p>
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(57) Abstract :

In a method of measuring the concentration of a substance such as glucose in a sample liquid such as blood or interstitial fluid, a measuring device is provided having a working sensor part (6b), a second working sensor part (8b) and a reference sensor part (4b). The sample liquid is applied to the measuring device and an electric current proportional to the concentration of the substance in the sample liquid is measured at each sensor part (6b, 8b). The electric currents are compared to establish the difference. If the difference is greater than a predetermined threshold, an error indication is given. A disposable test strip with two working sensors (6b, 8b) is also disclosed.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01129A

(22) Date of filing of : 03/09/2002  
application

(54) Title of the Invention : "MULTIPOTENT CELL AND CARDIOMYOCYTE CELL POPULATIONS, AND ROUTES TO AND USES OF SAME."

(51) International classification : C12N 5/06, 5/10, 15/10, 15/66, 15/67, C07K 14/47, G01N 33/48, A61L 27/24

(30) Priority Data :

(31) Document No. 60/188,507

(32) Date : 10/03/2000

(33) Name of convention country : US

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

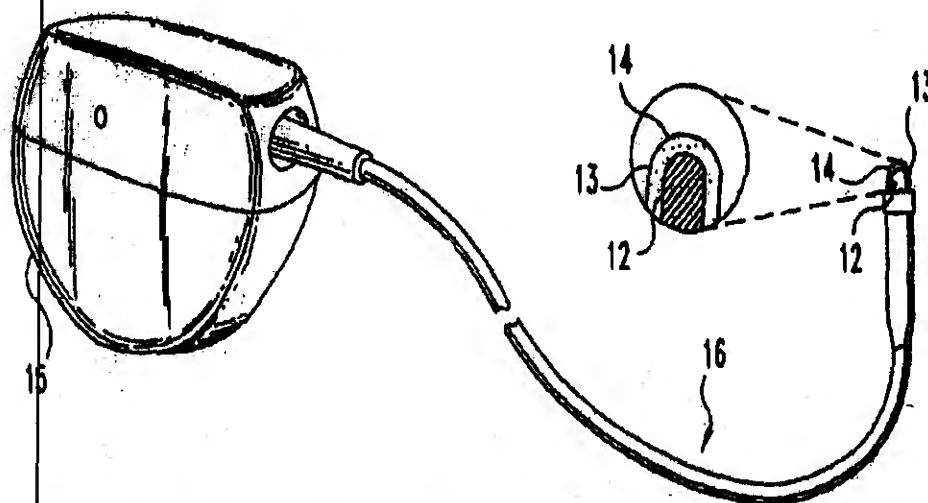
(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : ADVANCED RESEARCH & TECHNOLOGY INSTITUTE, INC., SUITE 100, 1100 WATERWAY BOULEVARD, INDIANAPOLIS, IN 46202, U.S.A.

(72) Name of the Inventors :  
FIELD, LOREN, J.

(57) Abstract :



Described are conduction cardiomyocyte-enriched cellular populations, and methods and materials for obtaining the same. The populations may be used to engraft mammalian myocardial tissue, for example to provide biological pacemakers. Also described are restorative cellular myocardial tissue, for example to provide biological pacemakers. Also described are restorative cellular myocardial grafts for improving the contractile function of injured segments of myocardium, and articles adapted for heart implantation (e.g. conductive pacemaker leads), which includes coatings of viable cardiomyocytes and optionally a carrier for the cardiomyocytes.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

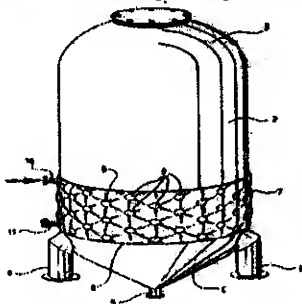
(21) Application No. IN/PCT/2002/01130 A

(22) Date of filing of : 03/09/2002  
application

(54) Title of the Invention : "PROGRAM GUIDE INFORMATION AND PROCESSOR FOR PROVIDING PROGRAM AND CHANNEL SUBSTITUTION."

<p>(51) International classification : H04N 7/16 (30) Priority Data : (31) Document No. 09/526,600 (32) Date : 16/03/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA</p>	<p>(71) Name of the Applicant : THOMSON LICENSING S.A., OF 46, QUAI ALPHONSE LE GALLO, F-93648 BOULOGNE CEDEX, FRANCE.  (72) Name of the Inventors : 1. NEWBERRY, THOMAS, PATRICK, 2. WANG, LIANGZHONG, 3. RUCH, GLEN, WAKEMAN, 4. RHOADS, STEVEN, CHARLES.</p>
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(57) Abstract : A system of defining, creating and decoding composite virtual channels advantageously supports dynamic channel and event substitution. A method, for use in a decoder for acquiring a program conveyed on more than one broadcast channel, involves generating a program guide display. The program guide display lists programs being broadcast on a plurality of broadcast channels during specified broadcast time segments and also lists a particular program on both a first and a second broadcast channel. The particular program is acquired from the first broadcast channel in response to user selection of either of the first and second broadcast channels. A plurality of prioritized channel maps are used in substituting an alternative program for a first program on a broadcast channel.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/1132A

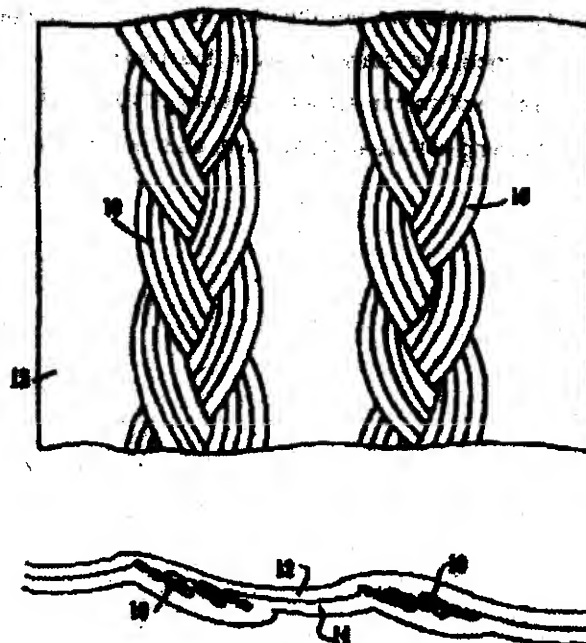
(22) Date of filing of : 05/09/2002  
application

(54) Title of the Invention : "NON WOVEN TEXTILE STRUCTURE INCORPORATING STABILIZED FILAMENT ASSEMBLIES."

<p>(51) International classification : D04 13/00, 3/04, 3/07, 3/10, 3/14, D02G 1/00, 3/00, B32B 5/26</p> <p>(30) Priority Data :</p> <p>(31) Document No.</p> <p>(32) Date :</p> <p>(33) Name of convention country :</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : LOHMANN GMBH &amp; CO. KG., OF IRLICHER STRASSE 55, D-56567, NEUWIED, GERMANY.</p> <p>(72) Name of the Inventors : 1. BARTH GEORG MARTIN, 2. CARUS EDMUND HUGH</p>
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**(57) Abstract :**

A plurality of substantially parallel continuous filaments, e.g. of cellulose acetate or rayon, and preferably newly formed, are consolidated or partially stabilised, e.g. by application of solvent and pressure, by hydroentanglement, by embossing, or by crimping and stretching. The filament assembly or subassemblies thus produced are further stabilised by folding, bundling, twisting or intertwining, e.g. to form braids (10), and are then bonded to a carrier layer or sandwiched between outer layers (12, 14), e.g. by hydroentanglement, melt blowing, spinbonding etc. The stabilised filament assemblies may be arranged spaced transversely and may be cut just prior to bonding so as also to provide longitudinally spaced three dimensionally thicker regions, ready for conversion to finished products such as absorbent feminine hygiene products or medical swabs or the like.





**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT//2002/1134A

(22) Date of filing of : 05/09/2002  
application

(54) Title of the Invention : "SERUM FREE CULTIVATION OF PRIMATE EMBRYONIC STEM CELLS."

(51) International classification : C12N 5/00,  
5/06

(30) Priority Data :

(31) Document No. 09/522,030

(32) Date : 09/03/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : WISCONSIN  
ALUMNI RESEARCH FOUNDATION, OF  
614 WALNUT STREET, P.O. BOX 2113  
MADISON, WI 53707-7365, U.S.A.

(72) Name of the Inventors :  
THOMSON JAMES A.

**(57) Abstract :**

Disclosed herein are methods for culturing primate embryonic stem cells. These cells are cultured on a prolonged and stable basis in the presence of exogenously supplied fibroblast growth factor and in the absence of animal serum. Preferably there is also a fibroblast feeder layer. Also disclosed is a culture media containing fibroblast feeder layer and the fibroblast growth factor.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. **IN/PCT/2002/01135A** (22) Date of filing of : **05.09.2002**  
application  
(54) Title of the invention : **INTAKE AIR CLEANING APPARATUS**

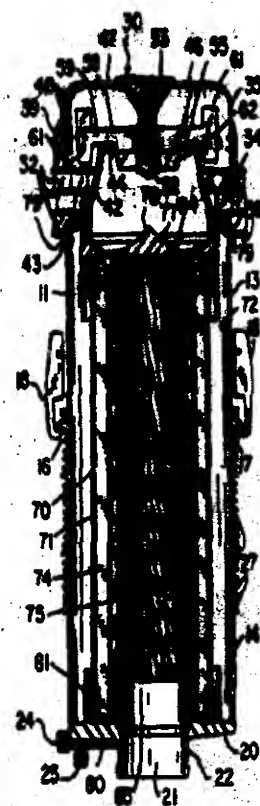
(51) International classification : **B01D 50/00**  
(30) Priority Data :  
(31) Document No. **09/078,349**  
(32) Date : **17.3.2000**  
(33) Name of convention country : **USA**  
(66) Filed U/s 5(2) : **NIL**  
(61) Patent of addition to application No. **NA**  
(62) Filed on : **NA**  
(63) Divisional to Application No. : **NIL**  
(64) Filed on : **NA**

(71) Name of the Applicant : **AMERICAN FARM IMPLEMENT & SPECIALTY, INC., OF 122 SOUTH RIVER STREET, PO BOX 89, JANESVILLE, WI 53545, UNITED STATES OF AMERICA.**

(72) Name of the Inventors :  
**DECKER, WILLIAM K.**

**(57) Abstract :**

Intake air cleaning apparatus (10) includes a filter canister (11) with a filter (70) mounted therein to filter air passing from an inlet end (28) of the canister to an outlet end (21). A hood (30) is mounted to the filter canister at the inlet end and has a discharge port (40) for discharging particulates. A series of vanes (32) are mounted in a gap (31) between the hood and the inlet end of the filter canister to define channels through which air is directed into the air space between the hood and canister inlet end. A rotor (46) mounted within the air space flings particulates toward the hood for expulsion through the discharge port. The filter (70) within the canister may be formed of an outer cylindrical filter (74) and an inner cylindrical filter (75) mounted to the outlet wall (20) of the canister to filter the precleaned air that passes through an inlet opening of the canister into the air space between the interior of the canister and the outer filter. Highly efficient cleaning of the intake air for internal combustion engines and the like is thus provided in a compact unit.



Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01136A      (22) Date of filing of : 05.09.2002  
application  
(54) Title of the Invention : NOVEL LHRH-ANTAGONISTS, PRODUCTION AND USE  
THEREOF AS MEDICAMENT.

(51) International classification : C07K 7/00 (30) Priority Data : (31) Document No. 09/525,007 (32) Date : 14.3.2000 (33) Name of convention country : USA (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA	(71) Name of the Applicant : KUTSCHER BERNHARD (DE); BERND MICHAEL (DE); ZENTARIS AG (DE); BECKERS THOMAS (DE); ROMEIS PETER (DE); GUENTHER ECKHARD (DE); REISSMANN THOMAS (DE) <div style="background-color: black; height: 1em; width: 100%;"></div> (72) Name of the Inventors : KUTSCHER BERNHARD (DE); BERND MICHAEL (DE); BECKERS THOMAS (DE); ROMEIS PETER (DE); GUENTHER ECKHARD (DE); REISSMANN THOMAS (DE)
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(57) Abstract : The invention relates to peptides, comprising an N-methylated amino acid component and an improved water solubility. According to the invention, medicaments containing the said peptides can be used for treatment of hormone-dependant tumours and hormone-influenced non-malignant disease states.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. **IN/PCT/2002/01138A** (22) Date of filing of : **06.09.2002**  
application

(54) Title of the Invention : **USE OF PYRIDO[3,2-E]-PYRAZINONES AS  
INHIBITORS OF PHOSPHODIESTERASE 5 FOR TREATING ERECTILE DYSFUNCTION**

(51) International classification :  
A61K31/4985; A61P15/10; C07D471/14

(30) Priority Data :

(31) Document No. **100 12 373.2**

(32) Date : **14.3.2000**

(33) Name of convention country : **DE**

(66) Filed U/s 5(2) : **NIL**

(61) Patent of addition to application No. **NA**

(62) Filed on : **NA**

(63) Divisional to Application No. : **NIL**

(64) Filed on : **NA**

(71) Name of the Applicant : **ELBION AG. OF  
MEISSNER STRASSE 191 01446 RADEBEUL,  
GERMANY**

(72) Name of the Inventors :

(57) Abstract : The invention relates to the use of **PYRIDO[3,2-E]-PYRAZINONES** of formula  
(1) as inhibitors of phosphodiesterase 5 for treating erectile dysfunction (impotence).

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

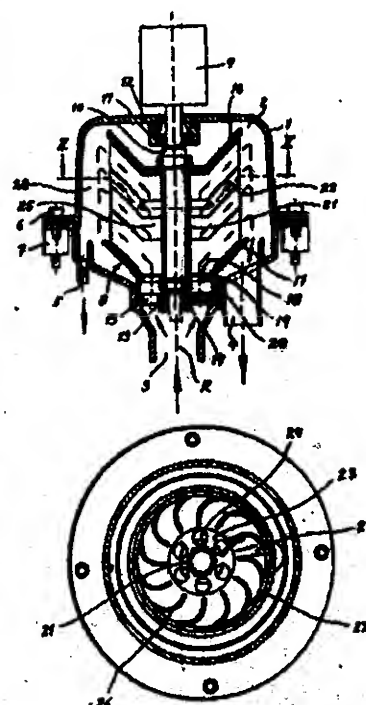
(21) Application No. IN/PCT/2002/01140A (22) Date of filing of : 09.09.2002  
application

(54) Title of the Invention : A METHOD OF CLEANING CRANKCASE GAS.

(51) International classification : B04B 5/08, 5/12	(71) Name of the Applicant : ALFA LAVAL AB, OF HANS STAHL VAG, S-147 80 TUMBA, SWEDEN
(30) Priority Data :	
(31) Document No.	
(32) Date :	(72) Name of the Inventors :
(33) Name of convention country :	1. CARLSSON CLAES-GOERAN (SE);
(66) Filed U/s 5(2) : NIL	2. LAGERSTEDT TORGNY (SE);
(61) Patent of addition to application No. NA	3. FRANZEN PETER (SE);
(62) Filed on : NA	4. MOBERG HANS (SE);
(63) Divisional to Application No. : NIL	5. INGE CLAES (SE);
(64) Filed on : NA	6. SZEPESSY STEFAN (SE);
	7. BORGSTROEM LEONARD (SE)

**(57) Abstract :**

In connection with cleaning of gas from particles suspended therein and being heavier than the gas the gas is caused to rotate in a chamber (2) delimited in a stationary housing (1), so that the particles by centrifugal force are separated from the gas and are thrown towards a stationary housing. The rotation of the gas is accomplished by means of a rotor (8), which includes a stack of conical separation discs (22) arranged coaxially with each other and concentrically with the rotational axis (R) of the rotor. The gas to be cleaned is caused to flow through interspaces between the separation discs, while they are rotating, the particles by the centrifugal force being brought into contact with the insides of the separation discs. In contact with the insides of the separation discs the particles first move along the generatrices of the separation discs and then move along inclined guiding members (26), which are arranged in contact with said insides. The guiding members (26) collect particles moving across different sectors of the separation discs and conduct them to separate areas distributed around the surrounding edges of the separation discs. From these areas the particles in an agglomerated or coalesced form are thrown away from the separation discs towards the stationary housing (1).



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01141A (22) Date of filing of : 09.09.2002  
application

(54) Title of the Invention : FUNDOPLICATION APPARATUS AND METHOD

(51) International classification : A61B 17/068	(71) Name of the Applicant : MEDIGUS LTD, OF PO BOX 3030, OMER INDUSTRIAL PARK, OMER, ISRAEL,
(30) Priority Data :	(72) Name of the Inventors :
(31) Document No. 135117	1. SONNENSCHNEIN ELAZAR
(32) Date : 12.3.2001	2. SONNENSCHNEIN MINELU
(33) Name of convention country : IL	3. CHINNOCK RANDAL
(66) Filed U/s 5(2) : NIL	4. CRAINICH LAWRENCE
(61) Patent of addition to application No. NA	
(62) Filed on : NA	
(63) Divisional to Application No. : NIL	
(64) Filed on : NA	

**(57) Abstract :**

An endoscopic device for the partial fundoplication for the treatment of GERD, comprises: a) a distal bending portion and a flexible portion suitable to be positioned in extended shape within the esophagus of a subject; b) a positioning assembly comprising two separate elements, one of which is located on said distal bending portion, and the other on said flexible portion; c) a stapling assembly comprising a staple ejecting device, wherein said staple ejecting device is located on either said bending portion or on said flexible portion, said staple ejecting devices being in working positioned relationship when said two separate elements of said positioning assembly are aligned; and d) circuitry for determining when said two separate elements of said positioning assembly are aligned

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. EN/PCT/2002/01142A (22) Date of filing of : 09.09.2002  
application  
(54) Title of the Invention : LUMINESCENT GEL COATS AND MOLDABLE RESINS

(51) International classification :	(71) Name of the Applicant : ORION 21
(30) Priority Data : NIL	A.D. PTY LTD, OF UNIT 5, 10 JIJAWS
(31) Document No.	STREET, SUMNER PARK, QUEENSLAND,
(32) Date :	4074, AUSTRALIA
(33) Name of convention country :	(72) Name of the Inventors :
(66) Filed U/s 5(2) : NIL	BURNELL-JONES PETER
(61) Patent of addition to application No. NA	
(62) Filed on : NA	
(63) Divisional to Application No. : NIL	
(64) Filed on : NA	

(57) Abstract : Luminescent polymers are prepared from thermosetting unsaturated polyesters, suspending fillers and phosphorescent pigments and utilized to make gel coated articles and molded, cast and fiberglass reinforced plastic (FRP) articles. The preferred thermosetting unsaturated polyester resins are prepared by condensing mixtures of ethylenically unsaturated and aromatic dicarboxylic acids and anhydrides with dihydric alcohols and a polymerizable vinylidene monomer. Preferred suspending fillers and thixotropic modifiers include silica flakes (particularly precipitated and fumed silica and fine to coarse sand), microspheres, glass fibers and other short fibers, nepheline syenite, feldspar, mica, pumice, magnesium sulfate, calcium carbonate, bentonite and the various clays and thixotropic modifiers and mixtures thereof. Preferred phosphorescent pigments include alkaline earth aluminate phosphors, zinc sulfide phosphors and mixtures of these phosphors, particularly those phosphors activated by multiple metals and/or rare earths. The luminescent resins may be rendered fire retardant with halogenated polyester resins and/or additives and made flexible by the addition of flexible resins.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patent (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01144A (22) Date of filing of: 10/09/2002  
application  
(54) Title of the Invention: POLYGLUTAMIC ACID-CAMPTOTHECIN CONJUGATES  
AND METHODS OF PREPARATION

(51) International classification : A61K 47/48	(71) Name of the Applicant: ONCO THERAPEUTICS, INC. [US/US]; 201 Union Avenue West, Suite 400, Seattle, WA 98119 (US).
(30) Priority Data :	
(31) Document No.	
(32) Date :	
(33) Name of convention country :	
(66) Filed U/s 5(2) :NIL	(72) Name of the Inventors :
(61) Patent of addition to application No. NA	1. BHATT, Rama
(62) Filed on :NA	2. VRIES, Peter
(63) Divisional to Application No. :NIL	3. KLEIN, J., Peter
(64) Filed on :NA	4. LEWIS, Robert, A
	5. SINGER, Jack, W
	6. TULINSKY, John

(57) Abstract : The invention provides polyglutamic acid-therapeutic agent conjugates and methods for their preparation and use.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01145 A (22) Date of filing of : 10/09/2002 application
- (54) Title of the Invention : "METHOD AND SYSTEM TO UNIQUELY ASSOCIATE MULTICAST CONTENT WITH EACH OF MULTIPLE RECIPIENTS."

(51) International classification : H04L 7/00, H04N 7/167

(30) Priority Data :

(31) Document No. 00200793.8, 60/218,031

(32) Date : 06/03/2000, 12/07/2000

(33) Name of convention country : EUROPE, U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

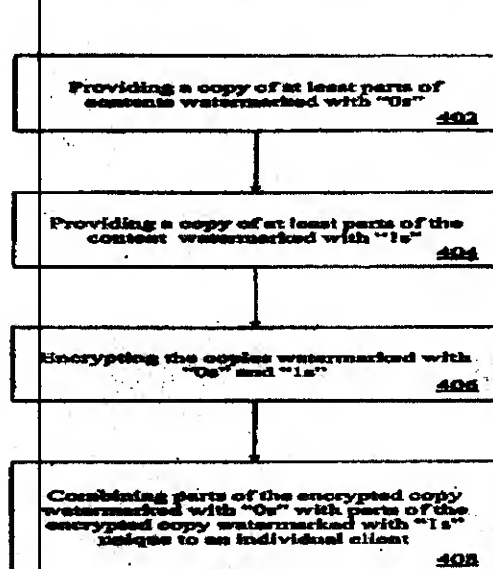
(64) Filed on : NA

(71) Name of the Applicant : ENTRIQ, OF 15070 AVENUE OF SCIENCE, SUITE 200, SAN DIEGO, CA 92128, U.S.A. AND IRDETO ACCESS BV., OF JUPITERSTRAAT 42 NL-2132 HD HOOFFDORP, NETHERLANDS.

(72) Name of the Inventors :

1. WHITE MARK ANDREW GEORGE,
2. WAJS ANDREW AUGUSTINE.

(57) Abstract : Methods and systems are disclosed in which content can be safely distributed and protected in a manner that is viable in terms of bandwidth economy and ensures that clients can be identified by the content (402) received. Copies of encrypted (406) content can be provided such that unique watermarks can be added to the copies. Content can also be both watermarked uniquely (408) for multiple clients and multicast to the clients. As such, content can be distributed using the bandwidth efficiency of multicasting while providing reliable content protection and watermarking.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01146 A

(22) Date of filing of : 10/09/2002  
application

(54) Title of the Invention : "INK AND DAMPENING SOLUTION DETERMINATION IN OFFSET PRINTING."

(51) International classification : B41F 33/00

(30) Priority Data :

(31) Document No. PQ 6112

(32) Date : 09/03/2000

(33) Name of convention country :  
AUSTRALIA

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant :

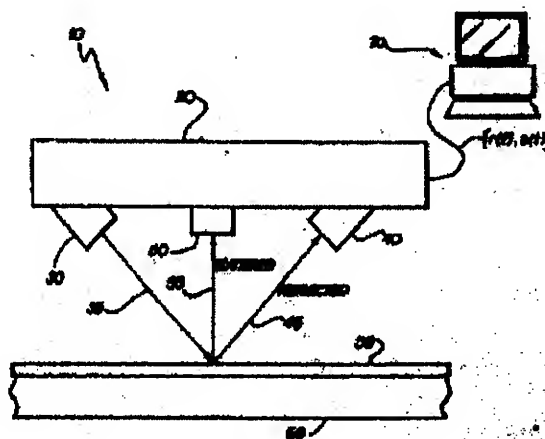
COMMONWEALTH SCIENTIFIC AND  
INDUSTRIAL RESEARCH  
ORGANISATION, OF LIMESTONE  
AVENUE, CAMPBELL, ACT 2612  
AUSTRALIA.

(72) Name of the Inventors :

1. NETTERFIELD ROGER PRYCE,  
2. FREUND CHRISTOPHER HAYES,  
3. GLASS MONTY,  
4. FARRANT DAVID IAN,  
5. BROTHERS MICHAEL LAWRENCE,  
6. MARTIN ALISTAIR SCOTT.

(57) Abstract :

An optical instrument for determining properties of the imaging and non-imaging areas of offset printing plates is disclosed. A laser light source (30) directs a laser beam (35) at the surface layer (50) of an offset printing plate (60). A specularly reflected beam (45) is detected by a light detector (40). Additionally, scattered light (55) is detected by a light detector (50). The detectors (40, 50) produce light intensity signals for the reflected and scattered light, respectively. A data processor (70) processes the intensity signals to determine various properties relating to the dampening solution and ink present on the non-imaging and imaging areas of the printing plate, respectively. These properties include the thickness of dampening solution in non-imaging areas, the image density in imaging areas of a moving printing plate, and the occurrence of scumming in non-imaging areas of a printing plate. The processed intensity signals also may be utilised to control the application of ink and dampening solution to an offset printing press.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01147A

(22) Date of filing of : 10/09/2002  
application

(54) Title of the Invention : "RADIO COMMUNICATION SYSTEM, MOBILE TERMINAL UNIT THEREOF, AND AZIMUTH DETERMINING METHOD."

(51) International classification : H04Q 7/34, G01S 3/14

(30) Priority Data :

(31) Document No. 2001-24523

(32) Date : 31/01/2001

(33) Name of convention country : JP

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-0000, JAPAN.

(72) Name of the Inventors :

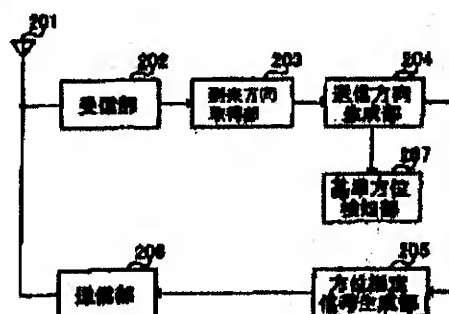
1. JUN HIRANO,

2. TAKASHI ARAMAKI,

3. GEN-ICHIROU OHTA.

(57) Abstract :

A mobile station device capable of acquiring direction information by means of a simple structure and a radio communication system which accommodates such a mobile station device are disclosed. A direction-of-arrival acquiring section (203) acquires the direction of arrival of a direction designation signal received from a reference station or another terminal station by calculation. A transmission direction generating section (204) determines the transmission direction opposite to the acquired direction of arrival. A reference direction detection section (207) detects the transmission direction determined by the transmission direction generating section (204) as a reference direction. A direction designating signal generating section (205) generates a direction designating signal for radiating a radio wave having a directivity of the transmission direction determined by the transmission direction generating section (204).



202...RECEIVING SECTION

203...DIRECTION-OF-ARRIVAL ACQUIRING SECTION

204...TRANSMISSION DIRECTION GENERATING SECTION

207...REFERENCE DIRECTION DETECTION SECTION

206...TRANSMITTING SECTION

205...DIRECTION DESIGNATING SIGNAL GENERATING SECTION

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01148A

(22) Date of filing of : 10/09/2002  
application

(54) Title of the Invention : "PROCESS FOR THE PREPARATION OF  
DIPHENYLSULFONE COMPOUND."

(51) International classification : C07C  
315/04, 317/22

(30) Priority Data :

(31) Document No. 2001-13638, 2001-84218,  
2001-107548

(32) Date : 22/01/2001, 23/03/2001,  
05/04/2001

(33) Name of convention country : JP

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

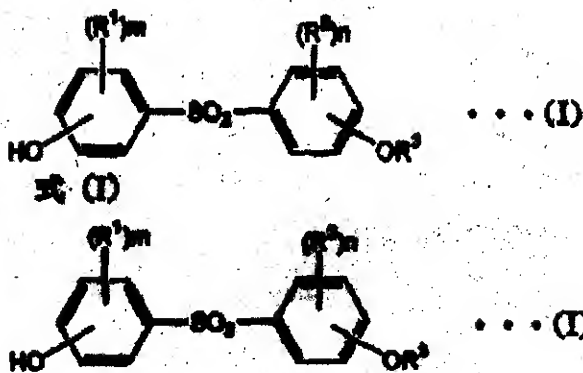
(71) Name of the Applicant : NIPPON  
SODA CO. LTD., (PRESIDENT,  
TAMIKATA TSUKUMASHI), 2-1,  
OHEMACHI 2-CHOME, CHIYODA-KU,  
TOKYO, JAPAN AND IBARAKIKASEI  
CHEMICALS CO. LTD., (PRESIDENT,  
KOICHIRO HARUYAMA) 1309-2,  
ISOHARA, ISOHARA-CHO,  
KITAIBARAKI-SHI, IBARAKI, JAPAN.

(72) Name of the Inventors :

1. KATSUURA KIYOSHI,
2. HIDAKA TOMOYA,
3. TAKASHINA YUTAKA,
4. OHNUKI YASUO.

**(57) Abstract :**

A process by which a high-purity 4,4'-dihydroxydiphenyl sulfone monoether can be industrially advantageously obtained. The process, which is for producing a compound represented by the formula (I) (I) (wherein R<1> and R<2> each independently represents halogeno, C1-8 alkyl, or C2-8 alkenyl; m and n each independently is an integer of 0 to 4; and R<3> represents C1-8 alkyl, C2-8 alkenyl, C3-8 cycloalkyl, or optionally substituted aralkyl), comprises (1) conducting pH adjustment two or more times in a purification step, (2) removing the alkyl halide used in excess, (3) using a solvent, e.g., water, having an iron content of 0.05 ppm or lower, (4) using a vessel coated inside with a corrosion-resistant layer, (5) adding a chelating agent, and (7) using a means for drying with mechanical stirring.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01149A (22) Date of filing of : 10/09/2002 application  
 (54) Title of the Invention : "FRAGRANCED HYDROGEL AIR FRESHENER KITS."

<p>(51) International classification : A61L 9/04, 9/012, 9/12, 9/05          (30) Priority Data :          (31) Document No. 09/523,005          (32) Date : 10/03/2000          (33) Name of convention country : USA          (66) Filed U/s 5(2) : NIL          (61) Patent of addition to application No. NA          (62) Filed on : NA          (63) Divisional to Application No. : NIL          (64) Filed on : NA</p>	<p>(71) Name of the Applicant : S.C. JOHNSON &amp; SON, INC., OF 1525 HOWE STREET, RACINE, WISCONSIN 53403, U.S.A.           (72) Name of the Inventors : REQUEJO LUZ P.,</p>
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(57) Abstract : Kits for consumer activated hydrogel air fresheners are provided, comprising an acrylic resin, a fragranting material, and a coloring agent. The kit may take various forms, such as a container in which are packaged the appropriate amounts of resin, fragrance, and colorant, to which a volume of water is to be added. In another form, the kit may comprise a sachet or pad containing the above materials, to which water may be added to form a gel air freshener device. Further, a pad or sachet, containing the hydrogel resin and a coloring agent if desired, may be subjected to the controlled continuous feed of a water solution of a fragrance, whereby a long term, consistent fragranting is obtained.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01150 A

(22) Date of filing of : 11/09/2002  
application

(54) Title of the Invention : "ARYL SUBSTITUTED PYRIDINES, PYRIMIDINES, PYRAZINES AND TRIAZINES AND THE USE THEREOF."

(51) International classification : C07D  
213/81, 239/28, 239/38, A61K 31/505, A61P  
25/08

(30) Priority Data :

(31) Document No. 60/188,188

(32) Date : 10/03/2000

(33) Name of convention country : USA

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : EURO-  
CEL TIQUE S.A., OF 122, BOULEVARD  
DE LA PETRUSSE L-2330  
LUXEMBOURG, LUXEMBOURG.

(72) Name of the Inventors :

1. HOGENKAMP DERK J.,

2. NGUYEN PHONG,

3. SHAO BIN.

(57) Abstract : This invention relates aryl substituted pyridines, pyrimides, pyrazines and triazines of Formula (I): or a pharmaceutically acceptable salt, prodrug or solvate thereof, wherein A1, A2, A3, R1-R4, X and Y are set in the specification. The invention is also directed to the use of compounds of Formula I for the treatment of neuronal damage following global and focal ischemia, for the treatment or prevention of neurodegenerative conditions such as amyotrophic lateral sclerosis (ALS), and for the treatment, prevention or amelioration of both acute or chronic pain, as antitinnitus agents, as anticonvulsants, and as antimanic depressants, as local anesthetics, as antiarrhythmics and for the treatment or prevention of diabetic neuropathy.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01151 A (22) Date of filing of : 11/09/2002 application  
(54) Title of the Invention : "FRUIT AND VEGETABLE PRESERVATIVE."

(51) International classification : A23B 7/154, A23L 3/3544, A01N 3/02

(30) Priority Data :

(31) Document No. PQ 5983

(32) Date : 03/03/2000

(33) Name of convention country :

AUSTRALIA

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : CITRUS SENSATION PTY LTD., OF KINGSGRAOVE ESTATE, EAST BARHAM ROAD, BARHAM, NSW 2731, AUSTRALIA.

(72) Name of the Inventors : SELLECK RHONDA

(57) Abstract : A preservative solution for peeled fruits and vegetables, nuts, shoots, fruit and vegetable juices and cut flowers (as hereinbefore defined) including a fruit juice component including vitamin C or ascorbate which is palatable and which inhibits oxidation of the fruit or vegetable to be preserved, a preservative component, such as sugar, and an antioxidant component which includes at least one antioxidant containing flavonoids, such as one selected from a natural oil-coating material, such as grape seed oil, and/or an extract from the bark of pinus radiata or pinus pinaster, such as Enzogenol or other proanthocyanidin powder or any one of the flavonoid containing antioxidants described herein.

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01153 A

(22) Date of filing of : 11/09/2002  
application

(54) Title of the Invention : "ORGANIZING AND COMBINING A HIERARCHY OF CONFIGURATION PARAMETERS TO PRODUCE AN ENTITY PROFILE FOR AN ENTITY ASSOCIATED WITH A COMMUNICATIONS NETWORK."

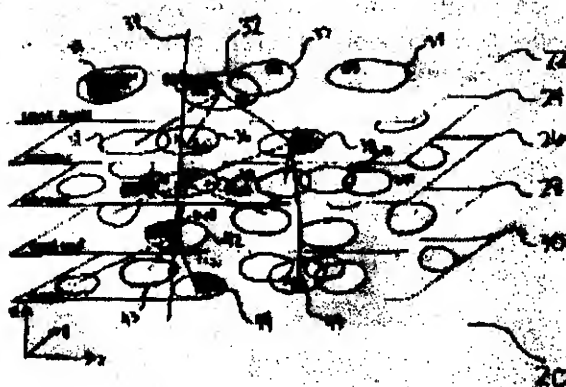
(51) International classification : H04L 12/24  
(30) Priority Data :  
(31) Document No. 60/190,613 \*  
(32) Date : 20/03/2000  
(33) Name of convention country : U.S.A.  
(66) Filed U/s 5(2) : NIL  
(61) Patent of addition to application No. NA  
(62) Filed on : NA  
(63) Divisional to Application No. : NIL  
(64) Filed on : NA

(71) Name of the Applicant : PINGTEL CORPORATION, OF SUITE 2200, 400 WEST CUMMINGS PARK, WOBURN, MA 01801 U.S.A.

(72) Name of the Inventors :  
1. SCHAAF RICHARD W.,  
2. PETRIE DANIEL G.,

**(57) Abstract :**

A method of and system for organizing a hierarchy of sets of one or more parameters, for example, configuration parameters, maintaining the plurality of parameter sets, and combining two or more of the plurality of parameter sets to produce a single set of configuration parameters (i.e., an entity profile) for an entity, where such entity may be associated with a communications network. The generated entity profile may be used to configure a device, for example, a network device, associated with the entity.





**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01154 A

(22) Date of filing of : 11/09/2002  
application

(54) Title of the Invention : "INK RECEPTIVE COATING COMPOSITIONS CONTAINING POLY(VINYL ALCOHOL) GRAFTED WITH AMINE FUNCTIONAL GROUPS."

(51) International classification : B41M 5/00

(30) Priority Data :

(31) Document No. NA

(32) Date : NA

(33) Name of convention country : NA

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : CELANESE  
INTERNATIONAL CORPORATION, 1601  
WEST LBJ FREEWAY, DALLAS, TX  
75234, U.S.A.

(72) Name of the Inventors :

1. RABASCO JOHN JOSEPH,
2. KLINGENBERG ERIAC HOWARD,
3. BOYLOAN JOHN RICHARD.

(57) Abstract : Improved ink receptive coating compositions which impart high optical density images and excellent water resistance when applied to a surface of a variety of suitable substrates. The coating composition comprises an amine modified poly(vinyl alcohol) polymer in which the poly(vinyl alcohol) is graft polymerized with one of more ethylenically unsaturated amine functional monomers containing primary, secondary, tertiary; or quaternary amine functionality.

Publication After 18 months.

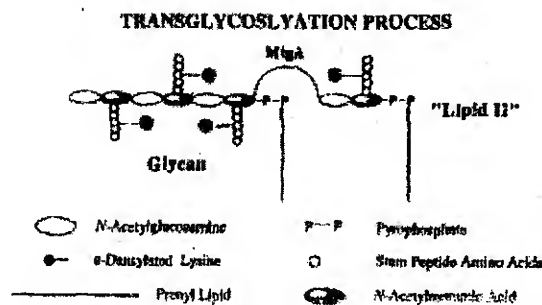
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01155 A (22) Date of filing of : 11/09/2002 application  
(54) Title of the Invention : "PROCESS FOR PREPARING LIPID II."

<p>(51) International classification : C07H 15/00 (30) Priority Data : (31) Document No. 60/198,000 (32) Date : 18/04/2000 (33) Name of convention country : USA (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA</p>	<p>(71) Name of the Applicant : ELI LILLY AND COMPANY, LILLY CORPORATE CENTER, INDIANAPOLIS, IN 46285, U.S.A.  (72) Name of the Inventors : 1. BLASZCZAK LARRY CHRIS, 2. MAULDI SCOTT CARL, 3. VANNIEUWENHZE MICHAEL SCOTT, 4. ZIA-EBRAHIMI MOHAMMAD SADEGH.</p>
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**(57) Abstract :**

A process is described for preparing a substrate for the transglycosylase enzymes of bacterial cell wall biosynthesis. The chemical synthesis makes available a sustainable and substantially pure source of supply of lipid II, including analogs thereof, that maybe used in the identification of new therapeutic agents capable of disrupting steps in bacterial cell wall biosynthesis.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01156A (22) Date of filing of : 11/09/2002 application  
(54) Title of the Invention : "A GLYCOPEPTIDE AND PREPARATION THEREOF."

(51) International classification : C07K 9/00	(71) Name of the Applicant : ELI LILLY AND COMPANY, LILLY CORPORATE CENTER, INDIANAPOLIS, IN 46285, U.S.A.
(30) Priority Data :	
(31) Document No. 60/197,237, 60/255,829	
(32) Date : 18/04/2000, 15/12/2000	
(33) Name of convention country : USA	
(66) Filed U/s 5(2) : NIL	(72) Name of the Inventors :
(61) Patent of addition to application No. NA	1. BLASZCZAK LARRY CHRIS,
(62) Filed on : NA	2. DINGESS-HAMMOND ELIZABETH ANNE,
(63) Divisional to Application No. : NIL	3. HORNBACK WILLIAM JOSEPH,
(64) Filed on : NA	4. VANNIEUWENHZE MICHAEL SCOTT.

(57) Abstract : The stereospecific synthesis of a glycopeptide using a triply orthogonal protection scheme is described, in particular the synthesis of N-acetylglucosaminy- $\beta$ -[1,4]-N-acetylmuramylmono-peptide and derivative thereof. The glycopeptide is useful for the preparation of GMDP and related compounds having a glucosaminy- $\beta$ -[1,4]-N-acetylmuramic acid disaccharide core.

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002.

(21) Application No. IN/PCT/2002/01157 A

(22) Date of filing of : 11/09/2002  
application

(54) Title of the Invention : "SILO AND/OR FILTER DEVICE FOR INFLAMMABLE DRY BULK FREIGHT."

(51) International classification : B01D 46/42, 46/00	(71) Name of the Applicant : THORWESTEN VENT GMBH., OF DAIMLERRING 39, 59269, BECKUM, GERMANY.
(30) Priority Data :	
(31) Document No. 100 13 117.4	
(32) Date : 17/03/2000	
(33) Name of convention country : DE	(72) Name of the Inventors : THORWESTEN, ALBERT (SEN).
(66) Filed U/s 5(2) : NIL	
(61) Patent of addition to application No. NA	
(62) Filed on : NA	
(63) Divisional to Application No. : NIL	
(64) Filed on : NA	

(57) Abstract : The invention relates to a silo and/or a filter device for inflammable dry bulk freight, with a substantially cylindrical wall, a lid, a dry bulk freight charge and discharge device and a pressure relief element that opens in the container at a predetermined pressure increase, especially with an explosion door, and with filter elements that are associated with the container. The aim of the invention is to improve such known silos and/or filter devices in such a manner that they are suitable to endure the occurring mechanical stresses and simultaneously allow for a secure pressure relief while being as simple in construction as possible. To this end, at least one pressure relief element (17) is disposed in the container lid (4), especially in the middle section thereof. The container chamber is limited below the at least one pressure relief element (17) by a tubular element (3) that is disposed substantially vertically within the container (2) and into which the tubular dry bulk freight charge (9) leads.

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01158A

(22) Date of filing of : 11/09/2002  
application

(54) Title of the Invention : "CUTTING INSERT."

(51) International classification : B23B 27/14

(30) Priority Data :

(31) Document No. 100 18 452.9

(32) Date : 13/04/2000

(33) Name of convention country : DE

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : WIDIA  
GMBH., OF MUNCHENER STRASSE 90,  
45145, ESSEN, GERMANY.

(72) Name of the Inventors :

1. WURFELS ANDREAS,

2. HINTZE WOLFGANG.

(57) Abstract :

The invention relates to a cutting insert for machining work comprising at least one curved cutting corner configured from two cutting edges and comprising several regions with differing radii of curvature. On said cutting insert, at least one of the cutting edges is sunk across a partial section at a distance from the cutting corner centre, the latter being determined by the bisector of the cutting corner angle, but in the curved cutting corner region, or at least one of the cutting edges when viewed from above has a central convex cutting corner region, having a first radius of curvature (R1) of an adjacent concave cutting corner region with a greater radius (R3) and the concave cutting edge region is additionally raised in such a way that the cutting edge in this region runs in a convex manner when viewed from the side (looking onto the free surface).

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01159A

(22) Date of filing of : 12/09/2002  
application

(54) Title of the Invention : "BACTERIAL ISOLATES OF THE GENUS KLEBSIELLA, AND AN ISOMALTULOSE SYNTHASE GENE ISOLATED THEREFROM."

(51) International classification : C12N 9/90, 15/00	(71) Name of the Applicant : INSTITUTE OF MOLECULAR AGROBIOLOGY, OF 1 RESEARCH LINK, THE NATIONAL UNIVERSITY OF SINGAPORE, SINGAPORE 117604, SINGAPORRE.
(30) Priority Data :	(72) Name of the Inventors :
(31) Document No. NA	1. ZHANG LIAN HUI,
(32) Date : NA	2. LI XIANZHEN,
(33) Name of convention country :NA	3. ZHANG DOAHAI.
(66) Filed U/s 5(2) :NIL	
(61) Patent of addition to application No. NA	
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : Two strains of a novel bacterial species, *Klebsiella singaporensis* LX3 and LX21, are claimed. A nucleotide sequence (*kis*) encoding a novel form of isomaltulose synthase, KIS, is also claimed. Also claimed is a method for production of isomaltulose in a plant, which method comprises introducing into a cell of such plant a nucleic acid sequence which encodes an enzyme which converts sucrose into isomaltulose in a manner which allows said cell to express said nucleic acid sequence, as well as a functional cloning method of isolating nucleotide sequence encoding the KIS protein comprising the steps of (a) preparing a gene bank from a donor organism that contains a DNA sequence coding for an isomaltulose biosynthesis activity in a suitable host organism, (b) screening the clones of interest from the gene bank by their enhanced reducing sugar content, and (c) isolating the clones which contain a DNA coding for a protein with isomaltulose biosynthesis activity.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01166 A

(22) Date of filing of : 13/09/2002  
application

(54) Title of the Invention : "MODULAR PULL-TYPE CLUTACH RELEASE MECHANISM."

(51) International classification : F16D 23/14

(30) Priority Data :

(31) Document No. 09/560,238

(32) Date : 28/04/2000

(33) Name of convention country : US

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

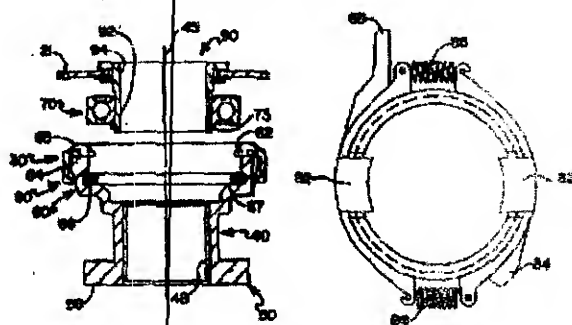
(71) Name of the Applicant : EATON CORPORATION, OF EATON CENTER 1111 SUPERIOR AVENUE, CLEVELAND, OH 44114-2584 U.S.A.

(72) Name of the Inventors :

1. GOCHENOUR, DANIEL, VERN,
2. COLE, CHRISTOPHER, DAVID.

(57) Abstract

A modular release mechanism (30) disclosed herein comprises a release sleeve (40) which is slideably disposed on a driven shaft, the release sleeve has an axis of rotation, a first end (50) and a second end (60). The release sleeve has a bearing housing portion (65) disposed at the second end for receiving the bearing (70). The bearing housing portion has a shoulder (67) for locating the bearing therein. The bearing housing portion has a retainer for securing the bearing therein by limiting the axial travel of the bearing relative to the release sleeve when the outer race of the bearing is disposed between the shoulder of the bearing housing portion and the retainer. The retainer may be selectively engageable in that the retainer is moveable from a first radial position to a second radial position it comprises at least one radially extending detent portion (82) which is moveable by rotating a radially extending lever (88), from a first angular position to a second angular position relative to the release sleeve.



Publication After 18 months

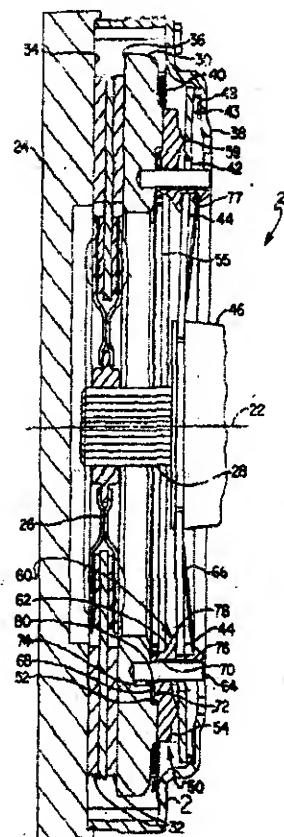
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01161 A (22) Date of filing of : 13/09/2002 application
- (54) Title of the Invention : "FRICTION CLUTCH WITH AN ADJUSTMENT LIMITING DEVICE."

<p>(51) International classification : F16D 13/75</p> <p>(30) Priority Data :</p> <p>(31) Document No. 09/552,276</p> <p>(32) Date : 19/04/2000</p> <p>(33) Name of convention country : US</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : EATON CORPORATION, OF EATON CENTER 1111 SUPERIOR AVENUE, CLEVELAND, OH 44114-2584 U.S.A.</p> <p>(72) Name of the Inventors : GOCHENOUR, DANIEL, VERN,</p>
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(57) Abstract : A friction clutch (20) for a motor vehicle with an automatic adjustment mechanism with a rotating cam includes an adjustment limiting mechanism. The second annular cam (54, 254) has a cam lock engagement surface (74, 474) extending radially inwardly of the cam surfaces. The cam lock engagement surface (74, 474) faces the pressure plate (30) and concentric with an axis (22) of rotation. A guide pin (64, 264) is fixed in the pressure plate (30) and axially extends from the pressure plate (30) on a side opposite the frictional engagement surface (36). A cam lock (62, 262, 362) has a radially extending cam lock flange (68). The cam lock flange (68) is axially disposed between the pressure plate (30) and the cam lock engagement surface (74, 474). The cam lock flange (68) defines a flange engagement surface (72, 372, 472) facing and complementary to the cam lock engagement surface (74, 474). The cam lock (62, 262, 362) has an aperture (80, 280, 380) therein which slidably receives the guide pin (64, 264). A bias spring (66, 166, 266, 466) engages the cam

lock (62, 262, 362) and biases the cam lock (62, 262, 362) away from the pressure plate (30). When the clutch (20) is in a released condition, the flange engagement surface (72, 372, 472) is biased into engagement with the cam lock engagement surface (74, 474) by the bias spring (66, 166, 266, 466) with sufficient force to prevent rotation of the second cam (54, 254) relative to the first cam (52, 252).





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01162 A

(22) Date of filing of : 13/09/2002  
application

(54) Title of the Invention : "LOAD BASED CONTROL SYSTEM FOR ACTIVE LEAKAGE CONTROL IN AN AIR PREHEATER."

(51) International classification : F23L 15/02,  
F28D 19/04

(30) Priority Data :

(31) Document No. 09/542,557

(32) Date : 03/04/2000

(33) Name of convention country : US

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : ALSTOM  
POWER INC., OF 2000 DAY HILL ROAD,  
WINDSOR, CT 06095, U.S.A.

(72) Name of the Inventors :

1. FINNEMORE, HARLAN, E.

2. HALL, DANNY, K.,

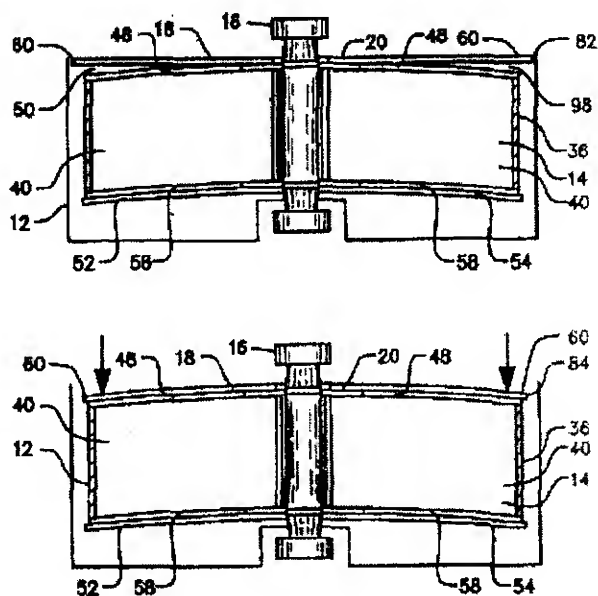
3. MARSHALL, ALAN, G.,

4. RAUSA, ROBERT, J.,

5. RITTER, KENT, E.,

(57) Abstract :

A rotary air preheater (10) has a rotor (14), at least one seal disposed proximate to the rotor, a drive (62) for reciprocally driving a portion of the seal (60) between a first position adjacent the rotor (14) and a second position spaced from the first position, and a control system (80) for activating the drive (62). A logic (94) provides a first activation signal to the drive (62) when the sensed boiler load rises above a first stored boiler load and a second activation signal to the drive when the sensed boiler load falls below a first stored boiler load. The first activation signal activates the drive (62) to drive the portion of the seal (60) to the first position and the second activation signal activates the drive to drive the portion of the seal (60) to the second position.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01163 A (22) Date of filing of : 13/09/2002 application  
(54) Title of the Invention : "REACTOR"

<p>(51) International classification : B01F 7/16, C08F 2/00 (30) Priority Data : (31) Document No. 2001-20445 (32) Date : 29/01/2001 (33) Name of convention country : JP (66) Filed U/s 5(3) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA</p>	<p>(71) Name of the Applicant : TOYO ENGINEERING CORPORATION, OF 2-5 KASUMIGASEKI 3-CHOME, CHIYODA-KU, TOKYO 100-6005, JAPAN. (72) Name of the Inventors : 1. KAWANO KOJI, 2. MATSUBA KENICHIRO, 3. YAGOU KATSUNORI.</p>
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(57) Abstract : A reactor which is a reactor (4) in the form of a cylindrical vessel having a liquid inlet and a liquid outlet and elongated in a flowing direction, comprising, in the interior, a drive shaft (6) coaxial with the reactor, one or more stages of plate-shaped or round-bar-shaped agitating elements (1) extending in a direction perpendicular to the drive shaft, baffles composed of plates or round bars or combination thereof and/or coiled, tubular plate-shaped or helical heat-exchangers (7) installed on the inner wall side of the reactor, wherein the natural frequency of the agitating elements is greater than the numerical value at which the agitating elements begin to vibrate, the value being calculated from the viscosity of the solution in the reactor, and the rotating speed and structure of the agitating elements.

Publication After 18 months.

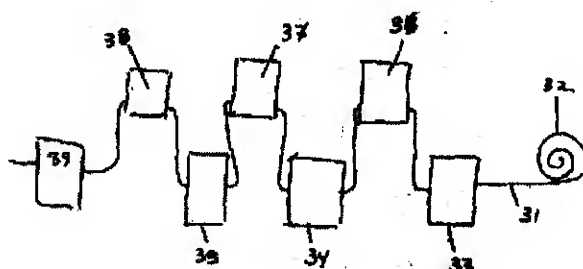
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01164 A (22) Date of filing of : 13/09/2002 application  
 (54) Title of the Invention : "CONTINUOUS PROCESS FOR MANUFACTURE OF DISPOSABLE ELECTRO-CHEMICAL SENSOR"

(51) International classification : C12Q 1/00	(71) Name of the Applicant : INVERNESS MEDICAL TECHNOLOGY, INC., 200 PROSPECT STREET, WALTHAM, MA 02453-3457, U.S.A.
(30) Priority Data :	
(31) Document No. 09/537,599	
(32) Date : 28/03/2000	
(33) Name of convention country : US	
(66) Filed U/s 5(2) : NIL	(72) Name of the Inventors :
(61) Patent of addition to application No. NA	1. DAVIES, OLIVER WILLIAM
(62) Filed on : NA	HARDWICKE,
(63) Divisional to Application No. : NIL	2. MCALEER, JEROME FRANCIS,
(64) Filed on : NA	3. YEUDALL, ROBERT MALCOLM.

**(57) Abstract :**

Sensors formed from a substrate, an electrode layer and at least a first reagent layer are manufactured by transporting a continuous web of the substrate past at least two print stations, and printing the electrode layer and the first reagent layer on the substrate. One of the print stations prints the electrode layer on the continuous web of substrate, and the other of the print stations prints the first reagent layer on the continuous web of substrate as it is transported past the print stations. Additional print stations may be included for the printing of insulation layers, glue prints and the like. The order of printing will depend on the structure desired for the sensor, although the electrode layer(s) will frequently be deposited before the reagent layer(s).



**अभिगृहित पूर्ण विनिर्देश**

एतद्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथा संशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

**COMPLETE SPECIFICATION ACCEPTED**

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate alongwith the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

Ind.Cl	:	39N, 103, 188	192301
Int.Cl <sup>7</sup>	..	C23C 22/07	
Title	:	AQUEOUS SOLUTION AND PROCESS FOR PHOSPHATIZING METALLIC SURFACES	
Applicant	:	METALLGESELLSCHAFT AKTIENGESELLSCHAFT OF BOCKENHEIMER LANDSTRASSE 73-77, D-60325 FRANKFURT AM MAIN, GERMANY	
Inventor	:	1. THOMAS KOLBERG. 2. DR. PETER SCHUBACH.	

Application no. 1531/CAL/1997 FILED ON 20.8.1997

(Convention no. 19634685.1 FILED ON 28.8.1996 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**14 CLAIMS.**

**\*A process for producing phosphate coatings on metallic surfaces of iron, steel, zinc, zinc alloys, aluminium or aluminium alloys, using an aqueous phosphate-containing solution which comprises 0.3 to 5 g  $\text{zn}^{2+}$ /l and 0.1 to 3 g nitroguanidine/l, where the acid value is 0.03 to 0.3 and the weight ratio of  $\text{zn} : \text{P}_2\text{O}_5 = 1 : 5$  to  $1 : 30$ , and which produces finely crystalline phosphate coatings in which the crystallites have a maximum edge length  $< 15 \mu\text{m}$  wherein the said metallic surfaces are cleaned, subsequently treated with the said aqueous, phosphate-containing solution for a period of 5 seconds to 10 minutes at a temperature of 15 to  $70^\circ\text{C}$ , and finally rinsed with water .**

*Complete Specifications : 20 pages.*

*Drawings: NIL*

Ind.Cl : 12C 192303  
Int.Cl<sup>7</sup> : B21B 43/04  
Title : A DEVICE FOR COOLING OF HOT ROLLED COILS OF STEEL AT 650  
700°C TO 80°C AT THE COOLING RATE OF 40°C/HOUR  
Applicant : STEEL AUTHORITY OF INDIA LIMITED, OF ISPAT BHAWAN  
LODI ROAD, NEW DELHI - 110003, INDIA  
Inventor : 1. MADHU RANJA,  
2. PRAMOD KUMAR PRUSTY.  
3. RAMESH CHANDRA THAKUR.  
4. GANTI MAHAPATRUNI DAKSHINA.  
5. SUDKAKER JHA.

Application no. 1456/CAL/98 FILED ON 17.3.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

## 2 CLAIMS.

A device for cooling of hot rolled coils of steel strip at the cooling rate of 40°C/HOUR and comprising the following components operating in an inter-dependant manner, such as herein described:

(a) a tray (6) disposed in a horizontal plane and filled with water upto a predetermined level (2) of typically 20 mm and having an outlet (2A) for discharge of water therefrom, beyond that level, the bottom parts (1A) of the coils (1) dipped into the water in the tray with the axis of the coils being held vertically above the tray surface;

(b) a blower fan (3) for blowing a strong convection current of air for cooling the upper part (1B) of the coils;

(c) thermocouples (5) of known type which are inserted atleast one into each coil, and connected to a temperature recorder (7), characterised in that the device is provided with an atomised water line (4) for supplying atomised water at the upper part (1B) of the coils, an inlet (4A) for supplying air and an inlet (4B) for supplying water into the said atomised water line.

Complete Specifications: 8 pages.

Drawings: 1 sheets

Ind.Cl : 32(IX) B(C) 39 (III) (L) 192303

Int. Cl.<sup>7</sup> : C07C 45/35 C07C 5/25 C07C 57/055 B01J 23/887

Title : AN IMPROVED METHOD OF PRODUCTION OF ACROLEIN AND  
AND ACRYLIC ACID

Applicant : NIPPON SHOKUBAI CO.LTD, OF 1-1 , KORAIBASHI 4-CHOME,  
CHUO-KU, OSAKA-SHI OSAKA JAPAN

Inventor : 1. MICHIO TANIMOTO.  
2. DAISUKE NAKAMURA.  
3. TATSUYA KAWAJIRI

Application no. 420/CAL/1999 FILED ON 05.05.1999

(Convention no. 10-135417 FILED ON 18.5.1998 IN JAPAN.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**8 CLAIMS.**

An improved method for the production of acrolein and acrylic acid comprising a catalytic gas phase oxidation of propylene with a molecular oxygen-containing gas such as herein described in the presence of an oxidation catalyst such as herein described, wherein the total content of unsaturated hydrocarbon of 2 - 5 carbon atoms excluding propylene in the starting raw material propylene is below 500 ppm by weight.

*Complete Specifications : 20 pages.*

*Drawings: NIL*



Ind.Cl : 206E

192304

Int.Cl<sup>7</sup> : H04L 29/06 H04N 7/173

Title : A METHOD OF RECEIVING A REQUEST TO ACCESS A WEB SERVER AND AUTOMATICALLY DELAYING ACCESS TO THE WEB SERVER AND A SYSTEM THEREFOR

Applicant : INTEL CORPORATION OF 2200 MISSION COLLEGE BOULEVARD, SANTA CLARA CA 95052, UNITED STATES OF AMERICA.

Inventor : 1. KINDER DAVID B.  
2. WELSH LINDA B.  
3. MO STANLEY

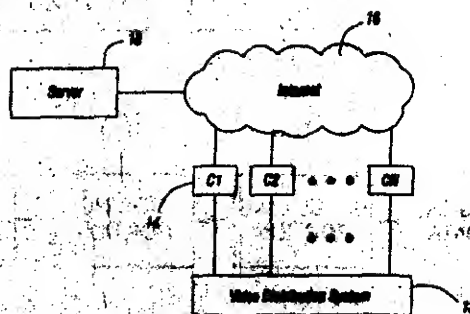
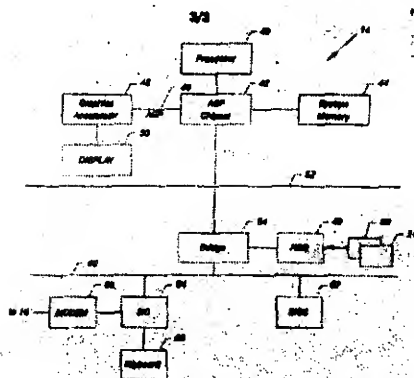
Application no. INPCT/02/1403 FILED ON 14.11.02

(Convention no. 09/574,851 IN 19.5.2000 IN UNITED STATES OF AMERICA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 21 CLAIMS.



A method of receiving a request to access a web server and automatically delaying access to the web server said method comprising  
receiving a request to access the web server ; and  
automatically delaying accessing the web server to prevent overloading the web server.

Complete Specifications : 12 pages.

Drawings: 3 sheets.



Ind.Cl : 192305

Int.Cl<sup>7</sup> : H03M 007/00

Title : DIGITAL DATA CODING /DECODING APPARATUS

Applicant : SA,SIMG ELECTRONICS CO. LTD. OF 416, MAETAN-DONG  
PALDAL-GU, SUWON-CITY KYUNGKI-DO, REPUBLIC OF KORA

Inventor : 1. PARK SUNG-HEE  
2. KIM YEON-BAE  
3. SHIN JAE SEOB

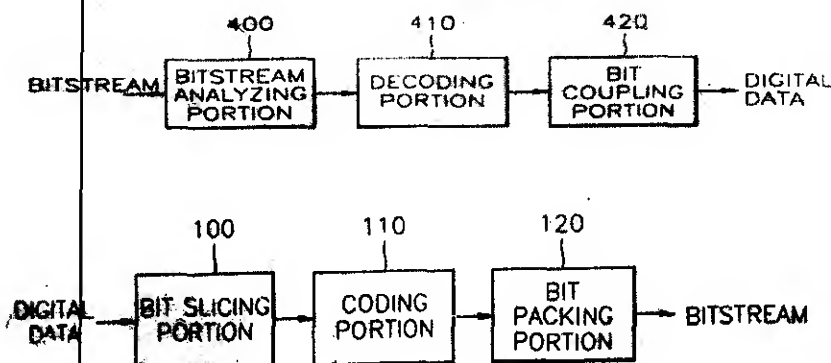
Application no. 2444/CAL/1997 FILED ON 24.12.1997

(Convention no. 97-12232 FILED ON 02.04.1997 IN REPUBLIC OF KORA)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**18 CLAIMS.**



An apparatus for coding a sequence of digital data of a predetermined number, comprising:

- a bit slicing portion for representing respective digital data by binary data composed of bits of a predetermined same number and slicing the same into units of bits;
- a coding portion for collecting and coding MSBs among the bit-sliced bits output from the bit slicing portion, and successively collecting and coding upper significant bits; and
- a bit packing portion for generating bitstreams in the order of significance of the coded data output from the coding portion.

***Complete Specifications : 35 pages.***

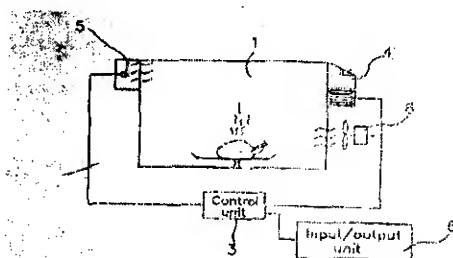
***Drawings: 5 sheets***

Ind.Cl	:	97H	192306
Int.Cl <sup>7</sup>	:	H05B 6/12	
Title	:	AN IMPROVED MICROWAVE OVEN HAVING COOKING STATE INDICATOR	
Applicant	:	LG ELECTRONICS INC, OF 20, YOIDO-DONG YONGDUNGPO-KU SEOUL REPUBLIC OF KOREA	
Inventor	:	1. LEE SEOUNG KOO 2. LIM HYONG TACK	
Application no.	:	1887/CAL/1996 FILED ON 30.10.1996 IN REPUBLIC OF KOREA	
<i>APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2002)</i>			

PATENT OFFICE KOLKATA.

**7 CLAIMS.**

1. A microwave oven having cooking state indicator, comprising:  
a microwave oven chamber for food being cooked within the chamber;  
an oscillating means(104), such as herein described, for generating microwave within said chamber, said oscillating means being mounted in said chamber;  
means(105), such as herein described, for sensing vapor generated from food and outputting voltage, the sensing means being mounted in said chamber;  
a controlling means(103), such as herein described, for driving said oscillating means and outputting different signal in accordance with the voltage inputted from the sensing means, said controlling means being connected to the sensing means and said oscillating means; and  
an indicating means(107), such as herein described, for making different sound depending on the frequency of voltage inputted thereto from said controlling means.



**Complete Specifications : 12 pages.**

**Drawings: 5 sheets**

Ind.Cl : 146D1 192307  
Int.Cl<sup>7</sup> : B42D 15/00 B42D 209/00 B32D 3/00 3/14 27/14  
Title : PAIRED OPTICAL STRUCTURE IN FOILS, INKS AND PAINTS  
WITH MATCHING COLORS AT ONLY ONE ANGLE OF VIEWING  
INCORPORATING THE SAME AND METHOD  
Applicant : FLEX PRODUCTS, INC, OF 1402 MARINER WAY, STANTA ROSA  
CALIFORNIA 95407-7370, UNITED STATES OF AMERICA.  
Inventor : 1. ROGER W. PHILLIPS.  
2. CHARLES TM MARKANTES.  
3. SHARI POWELL FISHER.  
4. ROBERT G SLUSSE.  
5. PATRICK K, HIGGINS.  
6. ANTON F. BLEIKOLM

Application no. 118/CAL/1996 FILED ON 17.6.1996

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**25 CLAIMS.**

An optically variable article comprised of a substrate having a surface and a first pair of non-overlapping optically variable structures carried by said surface, said first pair comprising a first optically variable structure containing a first optically variable pigment and a second optically variable structure containing a second optically variable pigment, said first pair having a first color match angle, the color match angle being the angle of incidence at which the first and second optically variable pigments have the same matching color, there being no color match between the first and second optically variable pigments at an angle of incidence except for the first color match angle.

Ind.Cl : 31C 192308  
Int.Cl<sup>7</sup> : G06K -19/00  
Title : SMART CARD  
Applicant : SIMENS AKTIENGESELLSCHAFT  
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY  
Inventor : 1. DIETER DLUGOSCH  
2. ROLAND PRASS.  
3. JOSEF KIRSCHBAUER.  
4. GUENTER DIDSCHIES.

Application no. 1392/CAL/1997 FILED ON 24.7.1997

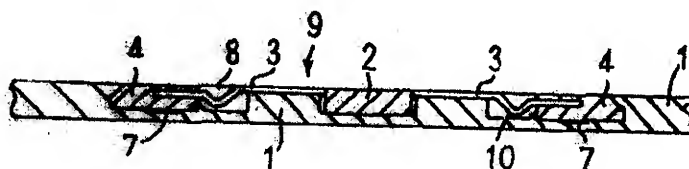
(Convention no. 1931166.7 FILED ON 1.8.1996 IN GERMANY)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**6 CLAIMS.**

Smart card comprising a plastic card body (1) with a semiconductor chip (2) which is contained and mechanically fastened therein, which can be contacted electrically from the outside via direct-current contacts (9), a leadframe (3) being contacted electrically by the semiconductor chip (2), being designed in the outer region in the form of contact tabs which form direct-current contacts, and the outer ends of the contact tabs being arranged in the interior of the plastic card body (1) and running approximately parallel to its large-area sides.



*Complete Specifications : 7 pages.*

*Drawings: 1 sheet*

Ind.Cl : 206G 192309

Int.Cl : H03M 7/00 G06K - 9/36

Title : AN APPARATUS FOR ENCODING A CONTOUR OF AN OBJECT BY ADAPTING A VERTEX CODING TECHNIQUE

Applicant : DAEWOO ELECTRONICS CORPORATION OF 686 AHYEON-DONG MAPO-GU, SEOUL, REPUBLIC OF KOREA.

Inventor : KIM JIN-HUN

Application no. 944/CAL/1997 FILED ON 26.5.1997

(Convention no. 97/1974 FILED ON 15.1.1997 IN SOUTH KOREA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA

**7 CLAIMS.**

An apparatus for encoding a contour of an object by adapting a vertex coding technique comprises:

vertex determination block (110) for determining a plurality of vertices on the contour having contour pixels therein, wherein each contour segment defined by two adjacent vertices is approximated by a line segment joining said two adjacent vertices;

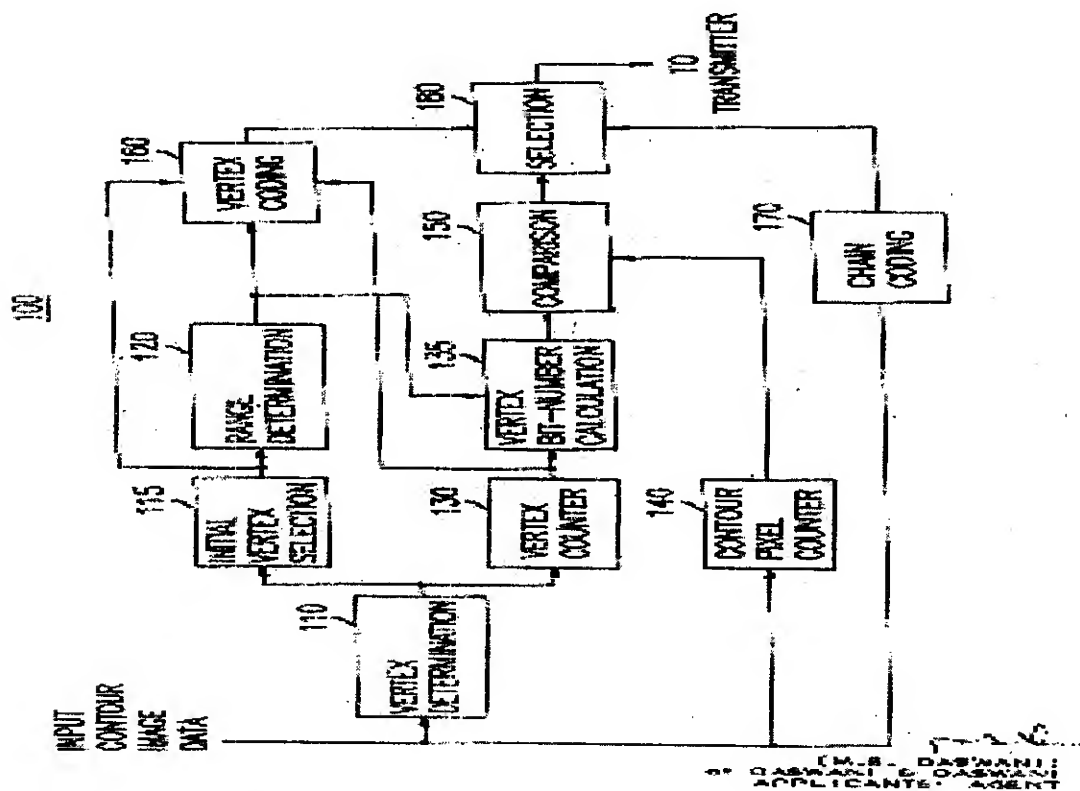
contour pixel counter for (140) for calculating a contour pixel bit-number, wherein the contour pixel bit-number represents the number of bits necessary to encode all the contour pixels;

vertex bit-number estimating blocks (115), (120), (130) and (135) for estimating a vertex bit-number, wherein the vertex bit-number represents the number of bits necessary to encode all the vertices on

the contour;

comparator (150) for comparing the contour pixel bit-number with the vertex bit-number to generate a determination signal representing the smaller of the two bit-numbers; and

coding blocks (160), (170) and (180) for encoding contour information based on the determination signal to generate coded data, wherein the contour information represents either the vertices or the contour pixels.



Complete Specifications : 20 pages.

Drawings:6 sheets

Ind.Cl : 56A 56G 192310

Int.Cl<sup>7</sup> : A61K 35/78, C04B 18/04

Title : A PROCESS FOR THE MANUFACTURE OF MEDICINAL PREPARATION FROM COCONUM SHELL

Applicant : SWAPAN GHORAI, OF VILL +PO GAONKHALI, THANA MAHISHADAL, MIDNAPUR, WEST BENGAL, INDIA.

Inventor : SWAPAN GHORAI

Application no. 84/CAL/1998 FILED ON 16.1.1998

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**15 CLAIMS.**

A process for the manufacture of a medicinal preparation compressing subjecting coconut shell to a heat treatment in presence of air/oxygen sufficient enough to burn the shell and condensing tilt: , vapour produced from the said heat treatment to obtain a liquid } extract as tile medicinal preparation

***Complete Specifications : 12 pages.***

***Drawings: NIL***

Ind.Cl : 206 192311  
Int.Cl<sup>7</sup> : G08B 5/22  
Title : TWO-WAY TELECOMMUNICATIONS SYSTEM  
Applicant : KONINKLIJKE PHILIPS ELECTRONICS N.V OF GROENEWOUDSEWEG  
1, 5621 BA ENDHOVEN, THE NETHERLAND  
Inventor : RICHARD PUAL SIMONS

Application no. 878/CAL/1998 FILED ON 15.5.1998

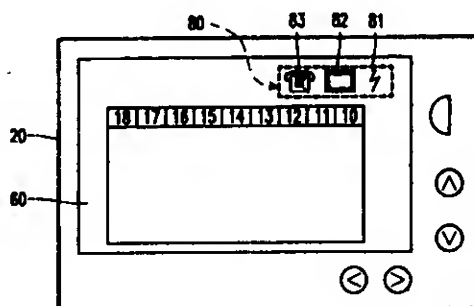
(Convention no. 9713904.2 FILED ON 2.7.1997 IN GREAT BRITAIN)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**10 CLAIMS.**

A two-way telecommunications system comprising a primary station for transmitting messages on a down-link and at least one secondary station for transmitting signals on an up-link, characterised in that the primary station includes in the down-link message indicia indicating status information associated with the down-link message which it wants to be transmitted on the up-link by the at least one secondary station, and in that the at least one secondary station comprises means for recovering the down-link message and said indicia, means for displaying the down-link message and for displaying the indicia as at least one icon, means responsive to a user of the secondary station taking an action affecting the status information, for transmitting a signal on the up-link and for altering the representation of the or at least one of the icons.



*Complete Specifications : 11 pages.*

*Drawings: 4 sheets*



Ind.Cl : 32B 192312

Int.Cl<sup>7</sup> : C07C 11/06

**Title** : PROCESS FOR PRODUCING A MIXTURE OF C<sub>3</sub> AND C<sub>4</sub>-OLEFINS FROM A FEED MIXTURE CONTAINING C<sub>4</sub>- TO C<sub>7</sub>- OLEFINS

Applicant : METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF REUTERWEG 14, D-60323 FRANKFURT AM MAIN, GERMANY

Inventor : 1. KOENING PETER.  
2. HIGMAN CHRISTOPHER.  
3. HOLTSMANN HANS-DIETER.  
4. MOELLER FRIEDRICH-WILHEIM

Application no. 396/CAL/1997 FILED ON 6.3.1997

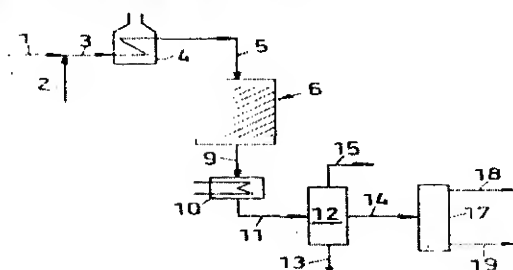
(Convention no.19648795.1 FILED ON 26.11.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

#### 4 CLAIMS.

A process for producing a mixture of C<sub>3</sub> - and C<sub>4</sub> - olefins from a feed mixture containing C<sub>4</sub> - to C<sub>7</sub> -olefins through conversion of the feed mixture at temperatures of 380° to 700° C on a granular zeolite catalyst, characterised in that the feed mixture is evaporated and mixed with steam, where a weight ratio of H<sub>2</sub>O: hydrocarbons in the range from 0.5:1 to 3:1 is adjusted, that the steam-containing feed mixture with a temperature in the range from 380° to 700° C is introduced into a reactor which contains a bed of granular, form-selective zeolite catalyst, where the zeolite is of the pentasil type and has an atomic ratio of Si:Al in the range from 10:1 to 200:1, and that from the bed and from the reactor a product mixture is withdrawn, whose temperature is 20° to 80° C lower than the inlet temperature, and whose total content of propylene and butene isomers is at least 60 wt% of the olefinic constituents of the feed mixture.



Ind.Cl : 206E 192313  
Int. Cl.<sup>7</sup> : H03M-13/00  
Title : APPARATUS FOR AND METHOD OF ENCODING A PLURALITY OF DIGITAL INFORMATION SIGNALS  
Applicant : KONINKLIJKE PHILIPS ELECTRONICS N.V. OF GROENEWOUDSEWEG 1, 5621 BA Eindhoven, THE NETHERLAND  
Inventor : 1. WARNER RUDOLPH THEOPHILE TEN KATE  
2. LEON MARIA VAN DE KERKOF.

Application no. 189/CAL/1997 FILED ON 3.2.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 17 CLAIMS.

Apparatus for encoding a plurality of digital information signals, having .

- first input means (1) for receiving a first digital information signal (LS),
- second input means (2) for receiving a second digital information signal (LL),
- third input means (3) for receiving a third digital information signal (LC),
- fourth input means (4) for receiving a fourth digital information signal (CC); - fifth input means (5) for receiving a fifth digital information signal (RC)
- Sixth input means (6) for receiving a sixth digital information signal (RR),
- seventh input means (7) for receiving a seventh digital information signal (RS),
- matrixing means for generating a first and a second digital composite signal (LO, Ro) from the first to seventh digital information signals, the matrixing means comprising:
  - first signal combination means (10) for combining second and third digital information signals (LL,LC) and being adapted to generate, a first combination signal (SI)
  - second signal combination means (12) for combining the fifth and sixth digital information signals (RC,RR) so as to obtain a second combination signal (Sr),
  - third signal combination means (14) for combining the third, fourth and fifth digital information signals (LC,CC,RC) so as to obtain a third combination signal (Sc).
  - fourth signal combination means (16) for combining the first digital information signal (LS) and the first and third combination signal (SI,Sc) so as to obtain the first composite signal (LO).
  - fifth signal combination means (18) for combining the seventh digital information signal (RS) and the second combination signal (Sr) so as to obtain a second composite signal (RO).

signal

(RS) and the second and third combination signal (Sr Sc) so as to obtain the second composite:

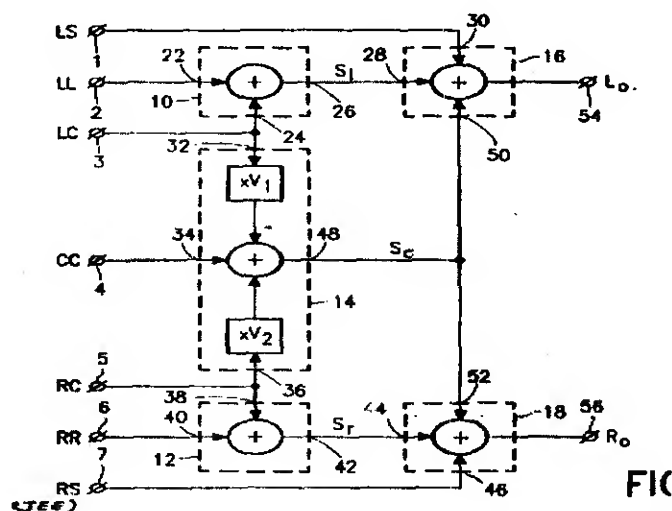
signal (Ro), the apparatus further comprising:

- first stand second data compression means (80,82) for data compressing the first and second composite signal (L0, R0) so as to obtain first and second data reduced composite signal.

- selection means (84.1-84.5) for selecting one signal from a first group of five information signals so as to obtain a first auxiliary signal, said first group of five information signal comprising said first (LS) and seventh (RS) digital information signals and said first, second and third combination signals (St,Sr,Sc), for selecting another one of said first group so as to obtain a second auxiliary signal and again another one of said first group so as to obtain a Third auxiliary signal, the selection means further being adapted to select one signal from a second group of five information signals so as to obtain a fourth auxiliary signal, said second group of five signals comprising said second to sixth digital information signals (LL,LC,CC,RC,RR) and to select another one of, said second group so as to obtain a fifth auxiliary signal,

third, fourth, fifth, sixth and seventh data compression means (86.1-86.5) for data compressing the first, second, third, fourth and fifth auxiliary signal respectively so as to

obtain first, second, third, fourth and fifth data reduced auxiliary signals respectively, -formatting means (88) for combining the first and second data reduced composite signals and the first, second, third, fourth and fifth data reduced auxiliary signals into a transmission signal suitable for transmission via a transmission medium'



Complete Specifications : 32 pages.

Drawings: 13 sheets

Ind.Cl : 66, D4, D1 192314  
Int. Cl.<sup>7</sup> : H01J - 005/36, 005/60, 005/48, 005/50  
Title : ELECTRIC LAMP  
Applicant : KONINKLIJKE PHILIPS ELECTRONICS N.V. OF GROENEWOUDSEWEG  
1, 5621 BA ENDHOVEN, THE NETHERLAND  
Inventor : 1. HARISH GANDHI.  
2. WALTER A. BOYCE.  
3. DAVID R. WOODWARD

Application no. 1220/CAL/1997 FILED ON 26.6.1997

(Convention no. 08/671890 FILED ON 28.6.1996 IN UNITED STATES OF AMERICA.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**8 CLAIMS.**

An electric lamp comprising;

.a lamp envelope (1) including a pressed glass reflector body

-a light source (8) within said lamp envelope (1) which is energizable for emitting light,

.a lamp base (15) having lamp contacts electrically connected to said light source (8), one of said lamp contacts comprising a threaded shell (30) and

-a skirt (17, 40) secured to said lamp envelope 1 and carrying said lamp base (15), characterized in that:

said skirt (17,40) includes a metallic skirt portion (40) mechanically secured to said lamp envelope (1) and a plastic skirt portion (17) fixed to said metallic skirt portion (40), said plastic portion (17) including a portion carrying said threaded shell (30)

said metallic skirt portion (40) includes a circumferential flanged rim (45), said circumferential flanged rim (45) being integrally molded in said plastic skirt portion (17)

said lamp contacts further comprise a center contact (19) including (i) a contact portion (21) for contacting a corresponding contact in a socket and (ii) a rigid shank (23) extending from said contact portion (21);

a conductive lead connected to said light source (8); and

said plastic skirt portion (17) has a bore wall (27) defining a clamping bore (26) for receiving said shank (23), said bore (26) being sized and said plastic portion (17) surrounding said clamping bore (26), said shank (23) and bore (26) being free of any snap-type engagements.

**Complete Specifications : 12 pages**

**Drawings : 3 sheets**

Ind.Cl : 68B 192315

Int. Cl.<sup>7</sup> : G02B 6/46

Title : CONFIGURATION FOR TRANSMITTING LIGHT BETWEEN TWO LOCATIONS AT DIFFERENT ELECTRICAL POTENTIALS, AND A METHOD FOR PRODUCING SUCH A CONFIGURATION

Applicant : SIMENS AKTIENGESELLSCHAFT  
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY

Inventor : 1. WALTER GROB  
2. STEFAN HAIN  
3. DR. NOBERT KOCH

Application no. 1021/CAL/1997 FILED ON 2.6.1997

(Convention no. 1962409.1.3 FILED ON 17.6.1996 IN GERMANY.)

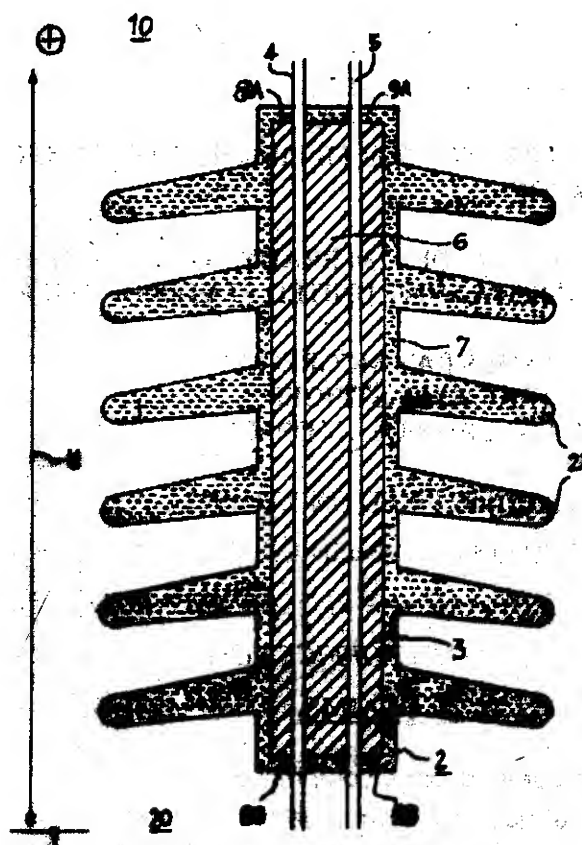
*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**6 CLAIMS.**

**Configuration for transmitting light between two locations at different electric potentials, comprising:**

- a) an insulator (2) having an internal space (3) formed therein and disposed between said two locations having the different potentials;
- b) at least one optical waveguide (4,5) disposed in and extending from said internal space (3) of said insulator (2) for transmitting the light;
- c) a plastic foam (6) filling said internal space (3) of said insulator (2) completely and contacting said at least one optical waveguide(4,5);
- d) nitrogen gas being introduced into said internal space (3);
- e) sulphur hexafluoride gas being injected in and forming said plastic foam (6);
- f) said plastic foam (6) in a predefined operating temperature range being under a slight positive pressure above atmospheric pressure; and
- g) said plastic foam (6) fixing said at least one optical waveguide (4,5) in a predefined course.
- h) said plastic foam (6) has gas inclusions of a desired size and density determined by said nitrogen gas introduced before said plastic foam into said internal space (3) under a predefined positive pressure with respect to atmospheric pressure.



**Complete Specifications : 11 pages.**

**Drawings: 1 sheet**

Ind.Cl : 143D5 192316

Int. Cl.<sup>7</sup> : B65B 1/06 7/06 43/12 51/12

Title : AN APPARATUS FOR FILLING AND SEALING BAGS AND METHOD THEREOF

Applicant : SLIDELL INC, OF 1234 BRADY BOULEVARD, OWATONNA, MINNESOTA 55060, UNITED STATES OF AMERICA.

Inventor : 1. JAMES RAY MCGREGOR  
2. TRACY JAY STEIGER.  
3. LAVERN NOEL WOBSCHELL

Application no. 2089/CAL/1997 FILED ON 5.11.1997

(Convention no. 744,628 FILED ON 6.11.1996 IN UNITED STATES OF AMERICA.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**21 CLAIMS.**

**An apparatus for filling and sealing bags comprising:**

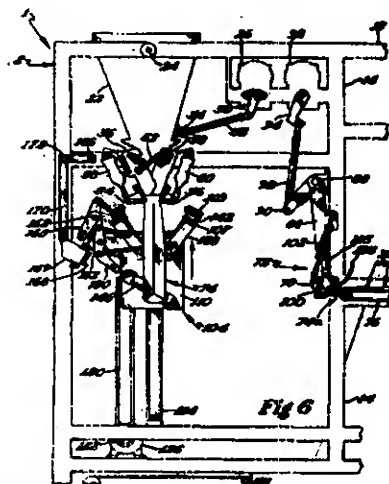
**a material dispensing spout having a discharge end defined by closure members operable between closed and open positions for discharging particulate material into a bag; ...**

**a first power actuator positioned and arranged to open and close the spout discharge end closure members;**

**clamping members on the spout discharge end movable between a closed position in clamping engagement with a bag mouth on the spout discharge end and an open position;**

**a carriage movable in a travel path between a first bag receiving position in close proximity to the spout discharge end, and a second bag discharge position away from the spout;**

**sealing apparatus mounted on the carriage and movable between a first inoperative position and a second position in sealing juxtaposition with a bag mouth, whereby bags may be clamped on the spout and filled one at a time, and thereafter released by the spout clamping members for movement by the carriage to a release position, with the bag mouth being sealed by the sealing apparatus as the carriage moves between its first and second positions.**



**Complete Specifications : 33 pages.**

**Drawings: 7 sheets**

Ind.Cl : 194C1 192317

Int. Cl.<sup>7</sup> : H01J 29/07 H01J 29/81

Title : A COLOR CATHODE-RAY TUBE HAVING A UNIAXIAL TENSION FOCUS MASK

Applicant : THOMSON MULTIMEDIA S.A. OF 9, PLACE DESVOSGES, LA DEFENCE 5, COURBEVOIE, FRANCE.

Inventor : 1. RICHARD WILLIAM NOSKER.  
2. JOEY JOHN MICHALCHUK  
3. DENNIS LEE MATHIES.

Application no. 1307/CAL/1996 FILED ON 18.7.1996

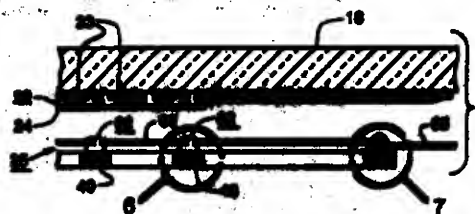
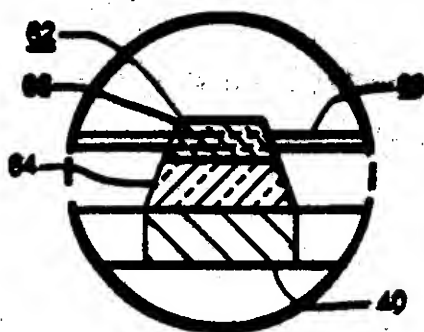
(Convention no. 08/509321 FILED ON 26.7.1995 IN UNITED STATES OF AMERICA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 11 CLAIMS.

A color cathode-ray tube (10) having a uniaxial tension focus mask (2), said tube comprising an evacuated envelope (11) having therein an electron gun (26) for generating at least one electron beam (29), a faceplate panel (12) having a luminescent screen (22) with phosphor lines on an interior surface thereof, and said uniaxial tension focus mask, wherein said mask has a plurality of spaced-apart first metal strands (40) which are adjacent to an effective picture area of said screen and define a plurality of slot (42) substantially parallel to said phosphor lines, each of said first metal strands across said effective picture area having a substantially continuous first insulator layer (64) on a screen-facing side thereof, a second insulator layer (66) overlying said first insulator layer and a plurality of second metal strands (60) oriented substantially perpendicular to said first metal strands, said second metal strands being bonded by said second insulator layer.





Ind.Cl : 32 32A1 62C 192318  
Int. Cl.<sup>7</sup> : C09B 67/20, C09B 67/22 63/00, 41/00 29/03, 29/30, 45/01. C09D 11/00, 11/02 C08K 05/42, D06P 3/68, 1/18, 1/02  
Title : A PROCESS FOR PREPARING A HEAT STABLE RED STRONTIUM MONOAZO LAKE PIGMENT.  
Applicant : ENGELHARD CORPORATION OF 101 WOOD AVENUE, ISELIN, NEW JERSEY 08830, UNITED STATES OF AMERICA.  
Inventor : AMRIT BINDRA

Application no. 1544/CAL/1997 FILED ON 21.8.1997

(Convention no. 08/718,851 FILED ON 24.9.1996 IN UNITED STATES OF AMERICA.)

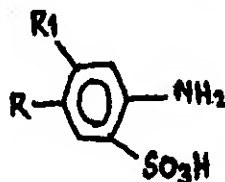
*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**10 CLAIMS.**

**A process for preparing a heat stable red strontium monoazo, lake pigment which comprises**

- 1. preparing an azo dye composition by a process comprising coupling (I) at least one diazonium component of one or more aromatic amines characterized by the formula**



**wherein R and R<sub>1</sub> are independently hydrogen, chloro, methyl or ethyl groups with (I) at least one hydroxynaphthalenesulfonic acid coupling component;**

Ind.Cl : 209 G 142319

Int. Cl.<sup>7</sup> : H03M - 7/00

Title : APPARATUS FOR ENCODING AN IMAGE SIGNAL BY USING THE CONTOUR SIGNAL THEREOF

Applicant : DAEWOO ELECTRONICS CORPORATION OF 636 AHYEON-DONG, MAPO-GU, SEOUL, KOREA

Inventor : JONG-II KIM

Application no. : 1073/CAL/1997 FILED ON 09.06.1997

(Convention no. 96-20286 and 96-33180 on 7.6.96 and 9.8.96 in SOUTH KOREA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)  
PATENT OFFICE KOLKATA.

### 7 CLAIMS.

Apparatus for encoding an image signal by using the contour signal thereof based on mask data for the image signal], wherein the image signal includes object pixels within an object and background pixels within a background located outside the object and a contour signal representing the contour of the object and the mask data includes a first binary value used to designate an object pixel and a second binary value used to indicate a background pixel, comprises:

a contour encoder (301) for encoding the contour signal of the object based on the mask data for the image signal thereby providing an encoded contour signal;

a contour decoder (302) for decoding the encoded contour signal, thereby generating a decoded contour of the object;

a primary padding circuit (502) for applying primary padding on the image signal, thereby providing a primary padded image signal;

a block selection circuit (504) for dividing the primary padded image signal into a number of equal-sized primary padded blocks of M X N pixels with M and N being predetermined positive integers~ respectively~ superposing the decoded contour on the primary padded blocks and then redefining pixels located inside the decoded contour as redefined object pixels and pixels located outside the decoded contour as redefined background pixels and defining each of the primary padded blocks either as a contour block or as an object block based on the decoded contour, thereby select contour blocks and object blocks, wherein the contour block is a primary padded block having one or more pixels located both and outside the decoded contour and the object block is a primary padded block having pixels located only inside the decoded contour;

a masking circuit (506) for masking each of the contour blocks based on the decoded contour to form each of corresponding masked blocks by replacing every pixel value located inside the contour within said each of the contour blocks with the first binary value and every p

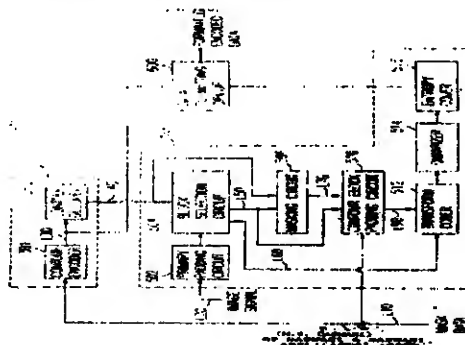
outside the decoded contour with the second binary value to thereby supply a multiplicity of corresponding masked blocks;

a contour block padding circuit (508) for padding each of the contour blocks based on the mask data and said each corresponding masked blocks to thereby provide a multiplicity of padded contour blocks;

a transform coder (512) for transform coding each of the padded contour blocks and each of the object blocks, thereby providing sets of transform coefficients;

a quantizer (514) for quantizing the sets of transform coefficients, thereby providing sets of quantized transform coefficients; an entropy coder (516) for entropy coding the sets of quantized transform coefficients, thereby providing an encoded texture signal of the image signal; and

a data formatting circuit (600) for formatting the encoded contour signal from the contour encoder (301) and the encoded texture signal from the entropy coder (516).



*Complete Specifications : 25 pages.*

*Drawings: 5 sheets*

Ind.Cl : 21B 192320

Int. Cl.<sup>7</sup> : A43B 7/06 A43B 17/08

Title : SHOE WITH IMPROVED VENTILATION SYSTEM

Applicant : BATA INDIA LIMITED, OF 6A S.N BANERJE ROAD, KOLKATA –  
700 013, WEST BENGAL , INDIA

Inventor : FERRARIS F.

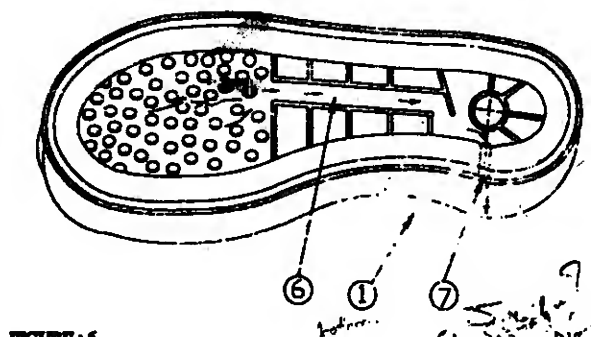
Application no. 314/CAL/2003 FILED ON 5.6.2003

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**7 CLAIMS.**

Shoe with improved ventilation system comprising a bottom sole, an insole and an upper member/socks wherein said insole is placed above said bottom sole and said upper-member/socks placed above said insole wherein said upper member/socks comprises a plurality of projections on the upper surface and wherein both of said upper-member/socks and said insole comprises plurality of holes enabling passage of air between upper surface of said upper member/socks and upper surface of said bottom sole and wherein said bottom sole comprises: a plurality of projections on the upper surface and substantially at the front region of the bottom sole defining plurality of channels for air flow; one or more channels connecting said front region with heel region of said bottom sole; and at least one air outlet valve positioned at side of the heel region and connected to said channel/channels in the heel region, the air outlet valve comprising a sintered metal filter valve.



**Complete Specifications : 8 pages.**

**Drawings: 6 sheets**

## CLAIM UNDER SECTION 20(1)

In pursuance of leave granted under section 20(1) of the Patents Act, 1970, the applicants for Patent No. 189667-1204/IAS/25 dated 12.09.97 filed by EASTLAND TECHNOLOGY AUSTRALIA PTY LTD. has been allowed to proceed in the name of EASTLAND MEDICAL SYSTEMS LTD. of L Z 680 Murray Street, West Perth, Western australia, Australia.

## PATENTS SEALED ON 05.03.2004/KOLKATA

176906 181416 183459 185675 186593 187000 188326 188461 188949 190912 190913 190914 190916 190917

Kol-08; Mun-03; Del-03 Chen-Nil.

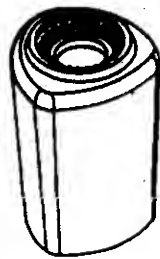



## PATENT SEALED ON 27.02.2004 (CHENNAI)






189338 189591 189594 189596 189597 189600 189661 189662 189663 189665 189666 189669 189670 189914 189920 189925 189926 189927 189928 189929






**REGISTRATION OF DESIGNS**

The following designs have been registered. They are open for public inspection from the date of registration. (Colour combination if any, is not shown in the representation)




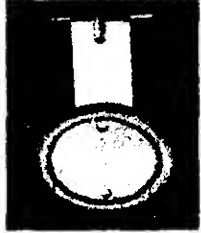

The dates shown in the following each entry is the date of registration.






Class	24-01	No.192169. AMERSHAM BIOSCIENCES, AB OF BJORKGATAN 30 751 84 UPPSALA, SWEDEN. "TOP PART OF CHROMOTOGRAPHIC COLUMN" 15.11.2002. (RECIPROCITY, SWEDEN)	
Class	05-05	No.193201. GOLDTEX FURNISHING INDUSTRIES, 78/1197, TRI NAGAR, DELHI-110035, INDIA, "TEXTILE FABRIC" 12.09.2003.	
Class	06-01	No.192549. NILKAMAL PLASTICS LTD., OF SURVEY NO.-354/2 & 354/3, NEAR RAKHOLI BRIDGE, SILVASSA-KHANVEL ROAD, VILLAGE VASONA, SILVASSA(D & N.H.), (U.T.), INDIA, INDIAN COMPANY. "CHAIR" 08.07.2003.	
Class	20-02	No.192029. DC INC., 1, MILIND, 90FT. ROAD, MULUND (EAST), MUMBAI:- 400 081, MAHARASHTRA, (INDIA), INDIAN PARTNERSHIP FIRM "DISPLAY STAND" 02.05.2003.	





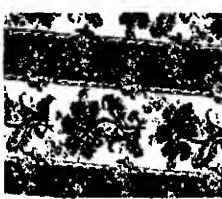
Class	09-01	No.192023. BRITANNIA INDUSTRIES LTD. OF 5/1A, HUNGERFORD STREET, KOLKATA-700017, W.B. INDIA. "BISCUIT PACKET" 01.05.2003.	
Class	07-02	No.192701. MILTON GLOBAL LIMITED, AT KAISER-I-HIND BUILDING, 3 <sup>RD</sup> FLOOR, CURRIMBHOY ROAD, BALLARD ESTATE, MUMBAI: -400 001, MAHARASHTRA, INDIA. "CONTAINER" 30.07.2003.	
Class	13-03	No.192268. LEADER ELECTRICALS PVT. LTD., AT 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI (E), MUMBAI:-400 093, MAHARASHTRA, INDIA. "ELECTRICAL MODULAR PLATE" 04.06.2003.	
Class	13-03	No.192262. LEADER ELECTRICALS PVT. LTD., AT 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI (E), MUMBAI:-400 093, MAHARASHTRA, INDIA. "ELECTRICAL MODULAR PLATE" 04.06.2003.	
Class	04-01	No.192861. M/S. GEBI PRODUCTS, AT 701, SHILPA APT. JAGDUSHA NAGAR, GHATKOPAR (W), MUMBAI: -400 086, MAHARASHTRA, INDIA, "SPRAY CLEANER" 13.08.2003.	






Class	05-05	No.192802. THE RISHABH VELVELEN LIMITED, AT 9 <sup>TH</sup> KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA. "TEXTILE FABRIC" 07.08.2003.	
Class	05-05	No.192803. THE RISHABH VELVELEN LIMITED, AT 9 <sup>TH</sup> KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA. "TEXTILE FABRIC" 07.08.2003.	
Class	31-00	No.192947. SANTHA INDUSTRIALS OF NO. 480-A, AVANASHI ROAD, PEELAMEDU, COIMBATORE-641004, TAMIL NADU, INDIA. "GRINDER" 18.08.2003.	
Class	23-02	No.193222. HANS GROHE AG, AUESTR. 5-9, D-77761 SCHILTACH, GERMANY, A GERMAN COMPANY. "HAND SHOWER" 21.03.2003 (REC IPROCITY, GERMANY)	
Class	02-04	No.192358. M/S. YADAV PLASTIC WORKS, H-44, UDYOG NAGAR, ROHTAK ROAD, NEW DELHI, INDIA, AN INDIAN. "SOLE FOR FOOTWEAR" 17.06.2003.	




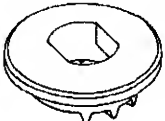



Class	13-03	No.192265. LEADER ELECTRICALS PVT. LTD AT 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI (E), MUMBAI:-400 093, MAHARASHTRA, IN DIA. "ELECTRICAL MODULAR PLATE" 04.06.2003.	
Class	08-07	No.193764. MR. SURESH MARUTI MORE. (INDIAN NATIONAL) OF ENOPACK SEALS (INDIA), 102, SUKH SHANTI ASHRAM, BORIVALI(W), MUMBAI: -400 103. "STEEL SEAL" 14.11.2003.	
Class	08-07	No.192836. MR. SURESH MARUTI MORE. (INDIAN NATIONAL) OF ENOPACK SEALS (INDIA), 102, SUKH SHANTI ASHRAM, BORIVALI(W), MUMBAI: -400 103. "STEEL SEAL" 14.11.2003	
Class	08-07	No.192837. MR. SURESH MARUTI MORE. (INDIAN NATIONAL) OF ENOPACK SEALS (INDIA), 102, SUKH SHANTI ASHRAM, BORIVALI(W), MUMBAI: -400 103. "STEEL SEAL" 14.11.2003	
Class	07-02	No.194334.PIONEER PRODUCTS, GALA NO. 129, DEWAN & SHAH INDUSTRIAL ESTATE NO. 1, NAVGHAR, VASAI ROAD, (EAST), DIST. THANE, MAHARASHTRA, INDIA. "BOTTLE" 22.01.2004.	


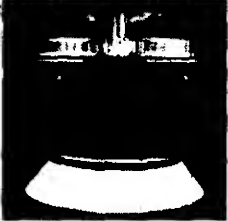



Class	07-02	No.194333. PIONEER PRODUCTS, GALA NO. 129, DEWAN & SHAH INDUSTRIAL ESTATE NO. 1, NAVGHAR, VASAI ROAD, (EAST), DIST. THANE, MAHARASHTRA, INDIA. "BOTTLE" 22.01.2004.	
Class	07-02	No.194332. PIONEER PRODUCTS, GALA NO. 129, DEWAN & SHAH INDUSTRIAL ESTATE NO. 1, NAVGHAR, VASAI ROAD, (EAST), DIST. THANE, MAHARASHTRA, INDIA. "BOTTLE" 22.01.2004.	
Class	21-99	No.193516. MANISH TIBREWALA, SOLE PROPRIETOR, CJ-176, SALT LAKE CITY, SECTOR-II, KOLKATA: -700091, W.B., INDIA, INDIAN OF THE ABOVE ADDRESS. "PEG BOARD" 21.10.2003.	
Class	27-06	No.191875 M/S. S.K. INDUSTRIES (P) LTD., 11/2-A, PUSA ROAD, NEW DELHI, INDIA AN INDIAN COMPANY "TOBACCO POUCH" 16.04.2003.	
Class	02-07	No.192580. OSCAR METAL CRAFT (P) LTD., VILLAGEKOT SEKHON, 289, MILESTONE, G.T. ROAD, DORAHA- 141421, DISTT. LUDHIANA, (PUNJAB), INDIA, "PANT HOOK DIE" 14.07.2003.	



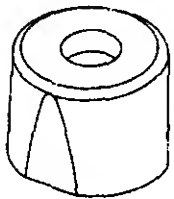
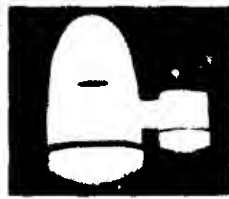

Class	12-11	No.192581. RAJINDERA ENGINEERS (INDIA), OF C-113, PHASE-V, FOCAL POINT, LUDHIANA-141010 (PUNJAB), INDIA, AN INDIAN PARTNERSHIP FIRM. "BELL FOR BI-CYCLES & RICKSHAWS" 14.07.2003.	
Class	09-07	No.191400. SMITHKLINE BEECHAM CORPORATION, OF ONE FRANKLIN PLAZA, P.O. BOX 7929, PHILADELPHIA, PA 19101, U.S.A., "BOTTLE CAP" 30.08.2003 (RECIPROCITY, U.S.A.)	
Class	12-16	No.193030. VISHIVKARMA INDUSTRIES (P) LIMITED, OF 2497, GILL ROAD, LUDHIANA:-141003 (PUNJAB), INDIA, AN INDIAN PVT. LTD. "BI-CYCLE BRAKE LEVER" 28.08.2003.	
Class	05-05	No.192998. AASRA EXPORTS, 2 KASTURBA GANDHI MARG, NEW DELHI:-110 001, INDIA, AN INDIAN COMPANY. "TEXTILE FABRIC" 26.08.2003.	
Class	05-05	No.192997. AASRA EXPORTS, 2 KASTURBA GANDHI MARG, NEW DELHI:-110 001, INDIA, AN INDIAN COMPANY. "TEXTILE FABRIC" 26.08.2003.	




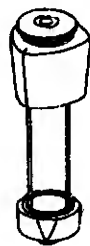

Class	05-05	No.192990. AASRA EXPORTS, 2 KASTURBA GANDHI MARG, NEW DELHI:-110 001, INDIA, AN INDIAN COMPANY. "TEXTILE FABRIC" 26.08.2003.	
Class	05-05	No.192993. AASRA EXPORTS, 2 KASTURBA GANDHI MARG, NEW DELHI:-110 001, INDIA, AN INDIAN COMPANY. "TEXTILE FABRIC" 26.08.2003.	
Class	09-01	No.192187. PARLE AGRO PVT. LTD., AN INDIAN COMPANY OF WESTERN EXPRESS HIGHWAY, ANDHERI (EAST), MUMBAI:-400 099, MAHARASHTRA, INDIA. "BOTTLE" 26.05.2003.	
Class	09-01	No.192186. PARLE AGRO PVT. LTD., AN INDIAN COMPANY OF WESTERN EXPRESS HIGHWAY, ANDHERI (EAST), MUMBAI:-400 099, MAHARASHTRA, INDIA. "BOTTLE" 26.05.2003.	
Class	07-02	No.192253. DART INDUSTRIES INC., OF 14901, SOUTH ORANGE BLOSSOM TRAIL, ORLANDO, FLORIDA 32837, U.S.A. "CONTAINER" 11.12.2002. (RECIPROCITY, U.S.A.)	

Class	02-04	No.192467. M/S. TRELA FOOTWEAR EXPORTS PVT. LTD., OF ADDRESS D-38, SITE-C, INDUSTRIAL AREA, SIKANDRA, AGRA:-282 007, U.P.,(INDIA). "SOLE FOR FOOTWEAR" 26.06.2003.	
Class	02-04	No.192468. M/S. TRELA FOOTWEAR EXPORTS PVT. LTD., OF ADDRESS D-38, SITE-C, INDUSTRIAL AREA, SIKANDRA, AGRA:-282 007, U.P.,(INDIA). "SOLE FOR FOOTWEAR" 26.06.2003.	
Class	09-03	No.192869. OTSUKA PHARMACEUTICAL CO. LTD., OF 2-9, KANDA TSUKASA-CHO, CHIYODAKU, TOKYO 101-8535, JAPAN,. "BOX" 18.02.2003 (RECIPROCITY, JAPAN).	
Class	24-01	No.192170. AMERSHAM BIOSCIENCES, AB OF BJORKGATAN 30 751 84 UPPSALA, SWEDEN. "TOP PART OF CHROMOTOGRAPHIC COLUMN" 15.11.2002. (RECIPROCITY, SWEDEN)	
Class	07-01	No.193094. RAVISSANT PVT. LTD., AN INDIAN COMPANY OF 50-51, COMMERCIAL COMPLEX, NEW FRIENDS COLONY, NEW DELHI: -110 065, INDIA. "SOUP BOWL IN MOKUME GANE" 02.09.2003.	


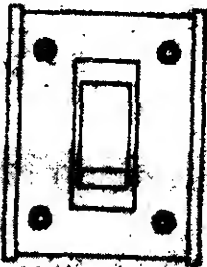
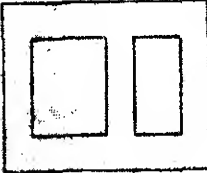

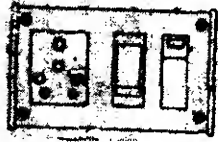
Page No.9.

Class	07-01	No.192614. M/S. NAMAN PALSTICS AT HARHARWALA BLDG. NO.3/9, SANE GURUJI ROAD, OPP. GANESH TALKIES, GAS COMPANY LANE, MUMBAI:-400 012, MAHARASHTRA,INDIA, "LID FOR JAR" 16.07.2003.	
Class	31-00	No.192613. M/S. NAMAN PALSTICS AT HARHARWALA BLDG. NO.3/9, SANE GURUJI ROAD, OPP. GANESH TALKIES, GAS COMPANY LANE, MUMBAI:-400 012, MAHARASHTRA,INDIA, "FRUIT JUICE EXTRACTOR" 16.07.2003.	
Class	07-01	No.192616. M/S. NAMAN PALSTICS AT HARHARWALA BLDG. NO.3/9, SANE GURUJI ROAD, OPP. GANESH TALKIES, GAS COMPANY LANE, MUMBAI:-400 012, MAHARASHTRA,INDIA, "LID FOR JAR" 16.07.2003.	
Class	07-01	No.192615. M/S. NAMAN PALSTICS AT HARHARWALA BLDG. NO.3/9, SANE GURUJI ROAD, OPP. GANESH TALKIES, GAS COMPANY LANE, MUMBAI:-400 012, MAHARASHTRA,INDIA, "LID FOR JAR" 16.07.2003.	
Class	09-07	No.192423. MOLDTEK TECHNOLOGIES LTD., AN INDIAN COMPANY, WHITE HO-USE, 402/1, 4TH FLOOR, 6-3-1192/1/1, KUNDANBAGH, BEGUMPET, HYDERABAD-500 016 (A.P.), INDIA. "LID OF STORAGE CAN" 23.06.2003.	

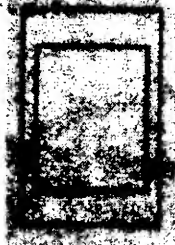


Class	09-07	No.192422. MOLDTEK TECHNOLOGIES LTD., AN INDIAN COMPANY, WHITE HO-USE, 402/1, 4TH FLOOR, 6-3-1192/1/1, KUNDANBAGH, BEGUMPET, HYDERABAD-500 016 (A.P.), INDIA. "STORAGE CAN" 23.06.2003.	
Class	09-01	No.192870. OTSUKA PHARMACEUTICAL CO. LTD., OF 2-9, KANDA TSUKASA-CHO, CHIYODA-KU, TOKYO 101-8535, JAPAN,. "BOTTLE" 18.02.2003 (RECIPROCITY, JAPAN).	
Class	24-01	No.192128. AMERSHAM BIOSCIENCES, AB OF BJORKGATAN 30 751 84 UPPSALA, SWEDEN. "CHROMOTOGRAPHIC COLUMN BASE" 15.11.2002. (RECIPROCITY, SWEDEN)	
Class	23-01	No.193100. AQUAMALL WATER SOLUTIONS LTD., OF 143, C-4 BOMMASANDRA INDUSTRIAL AREA, OFF. HOSUR ROAD, BANGALORE :- 562 158, KARNATAKA, INDIA, AN INDIAN COMPANY. "FAUCET ATTACHABLE WATER FILTER CUM PURIFIER" 04.09.2003.	
Class	25-01	No.192594. M/S. AMALGAMATED INDUSTRIAL COMPOSITES P. LTD., AT C/O. BHOGILAL CONTRACTOR'S BUNGALOW, KANKARIA ROAD, AHMEDABAD 380022, GUJARAT, AN INDIAN COMP-ANY. "HOLLOW FAN BLADE" 15.07.2003.	

Class	05-05	No.193308. AASRA EXPORTS, 2 KASTURBA GANDHI MARG, NEW DELHI:-110 001, INDIA, AN INDIAN COMPANY. "TEXTILE FABRIC" 23.09.2003.	
Class	07-01	No.193092. RAVISSANT PVT. LTD., AN INDIAN COMPANY OF 50-51, COMMERCIAL COMPLEX, NEW FRIENDS COLONY, NEW DELHI: -110 065, INDIA. "BOWL IN MOKUME GANE"	
Class	07-01	No.193093. RAVISSANT PVT. LTD., AN INDIAN COMPANY OF 50-51, COMMERCIAL COMPLEX, NEW FRIENDS COLONY, NEW DELHI: -110 065, INDIA. "PLATE IN MOKUME GANE"	
Class	24-01	No.192168. AMERSHAM BIOSCIENCES, AB OF BJORKGATAN 30 751 84 UPPSALA, SWEDEN. "CHROMOTOGRAPHIC COLUMN" 15.11.2002. (RECIPROCITY, SWEDEN)	
Class	09-01	No.192096. VARAHI PLASTICS PVT. LTD., WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI: -110 015, INDIA, AN INDIAN COMPANY "BOTTLE" 12.05.2003.	



Class	13-03	No.192271. KISHORE INDUSTRIES, 143, ASHIRWAD INDUSTRIAL ESTATE, BLDG. NO.5, 1 <sup>ST</sup> FLOOR, RAM MANDIR ROAD, GOREGAON(W), MUMBAI:-400 104, MAHARASHTRA, (INDIA), "SWITCH SOCKET COMBINE WITH INDICATOR PLATE" 04.06.2003.	
Class	13-03	No.192275. KISHORE INDUSTRIES, 143, ASHIRWAD INDUSTRIAL ESTATE, BLDG. NO.5, 1 <sup>ST</sup> FLOOR, RAM MANDIR ROAD, GOREGAON(W), MUMBAI:-400 104, MAHARASHTRA, (INDIA), "SWITCH" 04.06.2003	
Class	13-03	No.192272. KISHORE INDUSTRIES, 143, ASHIRWAD INDUSTRIAL ESTATE, BLDG. NO.5, 1 <sup>ST</sup> FLOOR, RAM MANDIR ROAD, GOREGAON(W), MUMBAI:-400 104, MAHARASHTRA, (INDIA), "SWITCH" 04.06.2003	
Class	13-03	No.192276. KISHORE INDUSTRIES, 143, ASHIRWAD INDUSTRIAL ESTATE, BLDG. NO.5, 1 <sup>ST</sup> FLOOR, RAM MANDIR ROAD, GOREGAON(W), MUMBAI:-400 104, MAHARASHTRA, (INDIA), "SOCKET" 04.06.2003	
Class	13-03	No.192277. KISHORE INDUSTRIES, 143, ASHIRWAD INDUSTRIAL ESTATE, BLDG. NO.5, 1 <sup>ST</sup> FLOOR, RAM MANDIR ROAD, GOREGAON(W), MUMBAI:-400 104, MAHARASHTRA, (INDIA), "SWITCH SOCKET WITH INDICATOR" 04.06.2003	

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Class	13-03	No.192279. KISHORE INDUSTRIES, 143, ASHIRWAD INDUSTRIAL ESTATE, BLDG. NO.5, 1 <sup>ST</sup> FLOOR, RAM MANDIR ROAD, GOREGAON(W), MUMBAI:-400 104, MAHARASHTRA, (INDIA), "SOCKET PLATE" 04.06.2003	
Class	05-05	No.193221. THE RISHABH VELVELEN LIMITED, AT 9 <sup>TH</sup> KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA. "TEXTILE FABRIC" 15.09.2003.	
Class	05-05	No.193220. THE RISHABH VELVELEN LIMITED, AT 9 <sup>TH</sup> KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA. "TEXTILE FABRIC" 15.09.2003.	

Dr. S. N. MAITY  
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एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 2004  
PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD AND  
PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 2004